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MINISTRY OF EDUCATION AND SCIENCE OF RUSSIA

**Federal State Budgetary Educational Institution
of higher education**


«I.N. Ulianov Chuvash State University»
(FSBEI of HE «I.N. Ulianov Chuvash State University»)

Medical Faculty

Oral and Maxillofacial Surgery and Dentistry Department

«APPROVE»

Vice-rector for Academic Affairs


I.E. Poverinov

« 13 » 04 2022

Working programs of the discipline (module)
«Челюстно-лицевая хирургия / Maxillofacial Surgery»

Direction of training / specialty 31.05.03 Стоматология / Dentistry
Graduate's qualification Врач-стоматолог / Dental Practitioner

Direction (profile) / specialization «Dentistry»

Form of training – очная / intramural

Course – 4, 5

Term – 8, 9, 10

Total academic hours/credit points – 432/12

The year of beginning the training – 2022

The fundamental document for compiling the working program of the discipline (module)
Федеральный государственный образовательный стандарт высшего образования –
специалитет по специальности 31.05.03 Стоматология (приказ Минобрнауки России от
12.08.2020 г. № 984)

Approved by:
Senior Lecturer A.V. Smirnova

The working program was approved at the meeting of the Oral and Maxillofacial Surgery
and Dentistry Department,
25.03.2022, protocol № 10
Head of the department V.V. Trubin

Approved by
Dean of the Medical Faculty V.N. Diomidova
Acting Head of the Educational and Methodological Department E.A. Shirmanova

1. The purpose and objectives of training in the discipline (module)

The purpose of the discipline - training of a dentist capable of providing primary medical care to patients with maxillofacial pathology

The objectives of the discipline - familiarization with the principles of organization and operation of departments of maxillofacial surgery, prevention of nosocomial infections in medical institutions in the field of surgical dentistry and maxillofacial surgery, creation of favorable conditions for the treatment and stay of patients in medical institutions and working conditions of medical staff;

- familiarization with occupational health and safety measures, prevention of occupational diseases, monitoring compliance with and provision of anti-epidemic measures;

- mastering methods of prevention of dental diseases of the population, as well as prevention of complications in the clinic of surgical dentistry;

- mastering diagnostic methods in the examination of patients with diseases, injuries, defects and deformations of oral tissues;

- development of diagnostic methods for symptomatic manifestations of somatic and infectious diseases in the oral cavity in patients with surgical dental profile;

- mastering methods of conservative and surgical treatment, methods of prevention of complications in surgical treatment, as well as rehabilitation of patients with inflammatory diseases of the oral cavity, in the provision of outpatient dental surgical care;

- familiarization with the principles of organization and examination of the ability to work of patients with dental surgical profile;

- familiarization with office work in a dental surgical clinic;

- familiarization with the organization of work with medicines and compliance with the rules of their storage in a dental surgical clinic;

- formation of skills for studying scientific literature and official statistical reviews, preparation of abstracts, reviews on modern scientific problems in the field of maxillofacial surgery and surgical dentistry;

- formation of communication and interaction skills with the team, partners, patients and their relatives.

2. The place of practical training in the structure of the educational program of higher education

The discipline «Челюстно-лицевая хирургия / Maxillofacial Surgery» относится к обязательной части учебного плана refers to the mandatory part in the curriculum of the educational program of higher education (hereinafter referred to as the EP of HE) in the field of training / specialty 31.05.03 Стоматология, direction (profile) / specialization of the program «Dentistry».

Previous academic disciplines (modules) and (or) practices that form the knowledge, skills and abilities necessary for training in the discipline (module):

Материаловедение в ортопедической практике / Materials Science in Orthopedic Practice

Общая хирургия / General Surgery

Основы материаловедения в стоматологии / Fundamentals of Materials Science in Dentistry

Профилактическая стоматология / Preventive Dentistry

Пропедевтическая стоматология / Propaedeutic Dentistry

Пропедевтика внутренних болезней / Propaedeutics of Internal Diseases

Производственная практика (клиническая практика по стоматологии общей практики) / On-the-job training (clinical practice in general dentistry)

Фармакология / Pharmacology

Физиотерапия в стоматологии / Physiotherapy in Dentistry

Производственная практика (практика по получению профессиональных умений и опыта профессиональной деятельности (по профилактической стоматологии)) / On-the-job training (practical training in obtaining professional skills and professional experience (in surgical dentistry))

Неврология / Neurology

Лучевая диагностика / Diagnostic Radiology

Производственная практика (практика по получению профессиональных умений и опыта профессиональной деятельности (по хирургической стоматологии)) / On-the-job training (practical training in obtaining professional skills and professional experience (in surgical dentistry))

Оториноларингология / Otorhinolaryngology

Внутренние болезни / Internal Diseases

Дерматовенерология / Dermatovenereology

Knowledge, skills and abilities formed as a result of training in a discipline (module) are necessary when teaching in the following disciplines (modules) and (or) practices:

Ортопедическая стоматология / Orthopaedic Dentistry

Терапевтическая стоматология / Therapeutic Dentistry

Фтизиатрия / Phthisiology

Офтальмология / Ophthalmology

Хирургическая стоматология / Surgical Dentistry

Неотложные состояния в клинике внутренних болезней / Emergency Conditions in the Clinical Presentation of Internal Diseases

Психиатрия и наркология / Psychiatry and Addiction Medicine

Педиатрия / Pediatrics

Дентальная имплантация в стоматологии / Dental Implantation in Dentistry

Ортодонтия и детское протезирование / Orthodontia and Pediatric Prosthetics

Клиническая фармакология / Clinical Pharmacology

Клиническая лабораторная диагностика / Clinical Laboratory Diagnostics

Детская стоматология / Pediatric Dentistry

Производственная практика (практика по получению профессиональных умений и опыта профессиональной деятельности (по ортопедической стоматологии)) / On-the-job training (practical training in obtaining professional skills and professional experience (in orthopedic dentistry))

Производственная практика (практика по получению профессиональных умений и опыта профессиональной деятельности (по терапевтической стоматологии)) / On-the-job training (practical training in obtaining professional skills and professional experience (in therapeutic dentistry))

Производственная практика (практика по получению профессиональных умений и опыта профессиональной деятельности (по детской стоматологии)) / On-the-job training (practical training for obtaining professional skills and professional experience (in pediatric dentistry))

Хирургические болезни / Surgical Diseases

Акушерство и гинекология / Obstetrics and Gynecology

Гнатология в ортодонтии / Gnathology in Orthodontics

Подготовка к сдаче и сдача государственного экзамена / Preparation for passing and passing the state exam

3. Planned learning outcomes in the discipline (module), correlated with the planned learning outcomes

Planned learning outcomes in the discipline (module), correlated with the planned learning outcomes

Code and name of the competence	Code and name of the competence achievement	Descriptors for the indicator of competence achievement (learning)
<p>ОПК-2 Способен анализировать результаты собственной деятельности для предотвращения профессиональных ошибок / He/she is able to analyze the results of his/her own activities to prevent professional errors</p>	<p>ОПК-2.1 Способен проводить анализ эффективности и безопасности проводимых медицинских вмешательств / He/she is able to analyze the effectiveness and safety of medical interventions</p>	<p>Groups of drugs used to provide medical care in the treatment of dental diseases, their mechanism of action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen Have the skills of independent analytical work with various sources of information, as well as the willingness to analyze the results of their own activities to prevent professional mistakes Providing medical care to children and adults with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life in an urgent form</p>
<p>ОПК-2 Способен анализировать результаты собственной деятельности для предотвращения профессиональных ошибок / He/she is able to analyze the results of his/her own activities to prevent professional errors</p>	<p>ОПК-2.2 Способен планировать мероприятия, направленные на профилактику осложнений медицинских вмешательств / He/she is able to plan activities aimed at preventing complications after medical interventions</p>	<p>Preventive measures that prevent the development of complications of medical interventions Plan activities aimed at preventing complications of medical interventions The use of medications and medical devices in the provision of medical care to patients with complications of medical interventions</p>
<p>ОПК-2 Способен анализировать результаты собственной деятельности для предотвращения профессиональных ошибок / He/she is able to analyze the results of his/her own activities to prevent professional errors</p>	<p>ОПК-2.3 Способен проводить и контролировать эффективность мероприятий по профилактике осложнений медицинских вмешательств / He/she is able to conduct and monitor the effectiveness of measures to prevent complications of medical</p>	<p>Preventive measures that prevent the development of complications of medical interventions To carry out and monitor the effectiveness of measures to prevent complications of medical interventions; Work with laws, by-laws, regulatory and methodological literature regulating the examination of temporary disability and quality control of medical care</p>

	interventions	Methods of prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of medicines and (or) medical devices, non-drug treatment at a dental appointment; Prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of medications and (or) medical devices, non-drug treatment at a dental appointment
ОПК-5 Способен проводить обследование пациента с целью установления диагноза при решении профессиональных задач / He/she is able to conduct a patient's examination in order to make a diagnosis when solving professional problems	ОПК-5.1 Способен применять алгоритм обследования пациента / He/she is able to apply the algorithm of patient's examination	Fundamentals of the legislation of the Russian Federation, the main regulatory and technical documents on public health protection; Dental instruments and equipment Interpret the survey results; To make a preliminary diagnosis to the patient, to outline the scope of additional studies to clarify the diagnosis; Formulate a clinical diagnosis Methods of maintaining medical accounting and reporting documentation in medical organizations; Assessments of the state of dental health of the population of various age and gender groups; Methods of general clinical examination of patients; Clinical methods of examination of the maxillofacial region
ОПК-5 Способен проводить обследование пациента с целью установления диагноза при решении профессиональных задач / He/she is able to conduct a patient's examination in order to make a diagnosis when solving professional	ОПК-5.2 Способен применять навыки обследования пациента (сбор жалоб, анамнеза, физикальное обследование) / He/she is able to apply the skills of examining the patient (collecting complaints, taking the history, carrying	Rules and sequence of the survey, examination of the patient; The main clinical manifestations of dental diseases Collect a complete medical history of the patient, including data on the condition of the oral cavity and teeth; Conduct a survey of the patient and his relatives (collect

problems	out physical examination)	biological, medical, psychological and social information) Methods of objective examination of patients; Methods of examination of patients with diseases of the maxillofacial region
ОПК-5 Способен проводить обследование пациента с целью установления диагноза при решении профессиональных задач / He/she is able to conduct a patient's examination in order to make a diagnosis when solving professional problems	ОПК-5.3 Способен анализировать информацию полученную при обследовании пациента / He/she is able to analyze the information obtained during the patient's examination	Clinical features, specificity of the course and possible complications of the most common diseases occurring in a typical form; Clinical manifestations of major syndromes requiring surgical treatment. To assess the conditions arising from acute diseases, exacerbation of chronic dental diseases Algorithms and methods for detecting acute sudden and chronic diseases, as well as diseases that pose a threat to the patient's life, including conditions of clinical death; Collection and analysis of patient complaints, his anamnesis data
ОПК-6 Способен назначать, осуществлять контроль эффективности и безопасности немедикаментозного и медикаментозного лечения при решении профессиональных задач / He/she is able to prescribe, monitor the effectiveness and safety of non-drug and pharmacological therapy in solving professional problems	ОПК-6.1 Способен определить показания и противопоказания при назначении медикаментозного, немедикаментозного и иных методов лечения / He/she is able to determine the indications and contraindications when prescribing medication, non-drug and other methods of treatment	Clinical features, symptoms of major diseases and borderline conditions of the maxillofacial region in adults and children, their treatment To develop optimal tactics for the treatment of dental pathology in children and adults, taking into account the general somatic disease and further rehabilitation of the patient; Determine the methods of administration, regimen and dose of medications; Develop a treatment plan taking into account the course of the disease, select, prescribe drug therapy, use non-drug treatment methods Selection of the type of local anesthesia; Selection of medications for the treatment of dental diseases; Preparation of a comprehensive treatment plan
ОПК-6 Способен назначать, осуществлять	ОПК-6.2 Способен оценить риски связанные	Features of providing medical care in emergency forms for

<p>контроль эффективности и безопасности немедикаментозного и медикаментозного лечения при решении профессиональных задач / He/she is able to prescribe, monitor the effectiveness and safety of non-drug and pharmacological therapy in solving professional problems</p>	<p>с использованием медикаментозного, немедикаментозного и иных методов лечения / He/she is able to assess the risks associated with the use of medicamentous therapy, drug-free modalities and other methods of treatment</p>	<p>dental diseases; Clinical features, main methods of treatment (medical indications, contraindications, complications) of diseases of the bone tissue of the jaws, peripheral nervous system of the maxillofacial region, temporomandibular joint; Clinical features, main methods of treatment (medical indications, contraindications, complications) of diseases of the salivary glands, congenital, acquired anomalies of teeth, dentition, alveolar processes, jaws, face Analyze the effect of non-drug treatment methods on the totality of their properties; Analyze the effect of drugs on the totality of their pharmacological effects Provision of medical care in emergency and urgent forms for acute dental diseases, conditions, exacerbation of chronic diseases that pose a threat to the patient's life or without obvious signs of a threat to the patient's life</p>
<p>ОПК-6 Способен назначать, осуществлять контроль эффективности и безопасности немедикаментозного и медикаментозного лечения при решении профессиональных задач / He/she is able to prescribe, monitor the effectiveness and safety of non-drug and pharmacological therapy in solving professional problems</p>	<p>ОПК-6.3 Способен оценить эффективность медикаментозного, немедикаментозного и иных методов лечения / He/she is able to assess the effectiveness of pharmacological therapy, non-drug and other methods of treatment</p>	<p>Clinical features, symptoms of major diseases and borderline conditions of the maxillofacial region in adults and children, their treatment Evaluate the effectiveness and safety of medical treatment methods; Evaluate the effectiveness and safety of non-drug treatment methods Assessment of possible complications caused by the use of local anesthesia; Assessment of possible side effects from taking medications</p>
<p>ОПК-12 Способен реализовывать и осуществлять контроль эффективности медицинской реабилитации стоматологического пациента / He/she is able to</p>	<p>ОПК-12.1 Владеет алгоритмом медицинской реабилитации стоматологического пациента / He/she possesses the algorithm of a dental patient's medical</p>	

implement and monitor the effectiveness of a dental patient's medical rehabilitation	rehabilitation	
ОПК-12 Способен реализовывать и осуществлять контроль эффективности медицинской реабилитации стоматологического пациента / He/she is able to implement and monitor the effectiveness of a dental patient's medical rehabilitation	ОПК-12.2 Способен формировать программу мероприятий медицинской реабилитации стоматологического пациента / He/she is able to form a program of measures for medical rehabilitation of a dental patient	
ОПК-12 Способен реализовывать и осуществлять контроль эффективности медицинской реабилитации стоматологического пациента / He/she is able to implement and monitor the effectiveness of a dental patient's medical rehabilitation	ОПК-12.3 Способен реализовывать программу медицинской реабилитации стоматологического пациента и оценивать ее эффективность / He/she is able to implement a program of a dental patient's medical rehabilitation and assess its effectiveness	
ПК-1 Способен провести обследования пациента с целью установления диагноза / He/she is able to perform a patient's examination in order to make a diagnosis	ПК-1.1 Способен провести физикальное обследования пациента (сбор жалоб и анамнеза, осмотр, пальпация, перкуссия) / He/she is able to conduct a patient's physical examination (taking a history, inspection, palpation, percussion)	Anatomy of the maxillofacial region, features of blood supply and innervation; structure of teeth; histology and embryology of the oral cavity and teeth, the main disorders of embryogenesis; Materials science, technologies, equipment and medical products used in dentistry Conduct an objective examination in diseases of the maxillofacial region; Use additional examination methods; Develop a patient examination plan taking into account the course of the disease Methods of examination of children and adults with dental diseases of the surgical profile of the mucous membrane of the oral cavity and lips, teeth and jaws determination of indications for referral to specialist doctors

<p>ПК-1 Способен провести обследования пациента с целью установления диагноза / He/she is able to perform a patient's examination in order to make a diagnosis</p>	<p>ПК-1.2 Способен анализировать информацию, полученную при проведении физикального обследования, дополнительных методов исследования, сформулировать предварительный диагноз / He/she is able to analyze the information obtained during the physical examination, additional examination methods, formulate a preliminary diagnosis</p>	<p>Algorithms for providing surgical dental care; Clinical manifestations of major syndromes requiring surgical treatment Formulate a preliminary diagnosis, substantiate indications for the chosen method of treatment, taking into account etiotropic and pathogenetic agents Interpretation of the results of laboratory, instrumental diagnostic methods in patients of different ages; The method of reading various types of radiographs</p>
<p>ПК-1 Способен провести обследования пациента с целью установления диагноза / He/she is able to perform a patient's examination in order to make a diagnosis</p>	<p>ПК-1.3 Способен сформулировать диагноз на основании полученной информации / He/she is able to formulate a preliminary diagnosis on the basis of information obtained</p>	<p>Modern methods of clinical, laboratory and instrumental diagnostics of patients with therapeutic, surgical and infectious profile Collect a complete medical history of the patient, including data on the condition of the oral cavity and teeth; Conduct a survey of the patient and his relatives (collect biological, medical, psychological and social information); Use medications and medical devices in the provision of medical care Development of a treatment plan for children and adults with dental diseases, taking into account the formulated clinical diagnosis, age and clinical picture in accordance with the current procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p>
<p>ПК-2 Способен назначить, контролировать эффективность и безопасность немедикаментозного и медикаментозного лечения / He/she is able to prescribe, monitor the</p>	<p>ПК-2.1 Способен разработать план лечения, назначить лекарственные препараты, немедикаментозное лечение, медицинские изделия в соответствии с</p>	<p>The procedure for providing medical care to adults with dental diseases; Clinical recommendations on the provision of medical care to patients with dental diseases; Standards of medical care; Methods of drug and non-drug</p>

<p>effectiveness and safety of non-drug and pharmaceutical treatment</p>	<p>действующими порядками оказания медицинской помощи, клиническими рекомендациями (протоколами лечения) по вопросам оказания медицинской помощи с учетом стандартов медицинской помощи / He/she is able to develop a treatment plan, prescribe medications, non-drug treatment, medical devices in accordance with current procedures for providing medical care, clinical recommendations (treatment protocols) on the issues of providing medical care, taking into account the standards of medical care</p>	<p>treatment, medical indications for the use of medical devices for dental diseases Develop a treatment plan for children and adults with dental diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; To select and prescribe medications, medical devices (including dental materials), dietary nutrition, therapeutic and wellness regimen for the treatment of children and adults with dental diseases in accordance with the current procedures for providing medical care, clinical recommendations, taking into account the standards of medical care Selection and appointment of medications, medical devices (including dental materials) for the treatment of dental diseases in children and adults in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; The appointment of dietary nutrition, therapeutic and health regime in the treatment of dental diseases in children and adults in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p>
<p>ПК-2 Способен назначить, контролировать эффективность и безопасность немедикаментозного и медикаментозного лечения / He/she is able to prescribe, monitor the effectiveness and safety of non-drug and</p>	<p>ПК-2.2 Способен контролировать эффективность и безопасность назначенного лечения, при необходимости корректировать его в соответствии с действующими порядками оказания</p>	<p>Principles, techniques and methods of anesthesia, selection of the type of local anesthesia in the treatment of dental diseases; Methods of preventing or eliminating complications, side effects, adverse reactions, including serious and unforeseen, that occurred during the examination or treatment of</p>

pharmaceutical treatment	<p>медицинской помощи, клиническими рекомендациями (протоколами лечения) по вопросам оказания медицинской помощи с учетом стандартов медицинской помощи / He/she is able to monitor the effectiveness and safety of the prescribed treatment, if necessary, adjust it in accordance with current procedures for providing medical care, clinical recommendations (treatment protocols) on providing medical care, taking into account the standards of medical care</p>	<p>patients with diseases of the teeth, pulp, periodontal, parodontal, oral and lip mucosa ; Features of providing medical care in emergency forms for dental diseases To determine medical indications and contraindications to the implementation of methods of local anesthesia in MFA; To carry out local anesthesia (application, infiltration, conduction) in children and adults with dental diseases: - injection of drugs into the MFA - appointment of dietary therapy for diseases of the oral cavity and teeth Perform medical interventions, including surgical, in children and adults with dental diseases on an outpatient basis (excluding the removal of retentive and dystopic teeth): - tooth extraction - removal of a temporary tooth - permanent tooth removal - opening and drainage of an odontogenic abscess Prevent or eliminate complications, side effects, undesirable reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of medications and (or) medical devices, non-drug treatment Performing medical interventions in children and adults with dental diseases in accordance with the current procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p>
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4. Structure, scope and content of the discipline (module)

Educational activities in the discipline (module) are carried out:

- in the form of students' face-to-face work with the teaching staff of the organization and (or) persons involved by the organization to implement the educational programs on other terms (hereinafter - contact work);

- in the form of students' independent work.

Face-to-face work can be classroom-based, extramural, as well as it can be conducted

in an electronic information and educational environment (EIEE).

Learning sessions in the discipline (module) and interim assessment of students are conducted in the form of face-to-face work and in the form of students' independent work.

During learning sessions in the discipline (module) face-to-face work includes: lecture-type classes, seminar-type classes and (or) group consultations, and (or) individual work of students with the teaching staff of the organization and (or) persons involved by the organization to implement the educational programs on other terms (including individual consultations).

Legend:

Lec – lectures, Lab – laboratory work, Pr – practical classes, ICW – individual face-to-face work, IW – independent work.

4.1. Content of the discipline (module)

Section name	The section's content	Formed competences	Competence achievement indicator
Section 1. (module) "Diseases of the head and neck"	Topic 1. Abscesses and phlegmons of the face and neck. Classification, etiology, pathogenesis. General clinical characteristics. Diagnostics. General principles of treatment.	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 2. Features of abscesses and phlegmon of the middle and upper third of the face		
	Topic 3. Features of abscesses and phlegmon of the lower part of the face		
Section 1. (module)	Topic 4. Common	ПК-1, ПК-2,	ПК-1.1, ПК-1.2,

"Diseases of the head and neck"	phlegmons and complications of odontogenic inflammatory diseases of the face and neck	ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 1. (module) "Diseases of the head and neck"	Topic 5. Traumatism of the maxillofacial region. Examination and principles of medical care for victims with maxillofacial trauma	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 6. Damage to the soft tissues of the face. Clinic, diagnosis, treatment		
	Topic 7. Dental injuries and dislocations of the lower jaw		
	Topic 8. Non-gunshot fractures of the lower jaw		ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-

			12.1, ОПК-12.2, ОПК-12.3
Section 1. (module) "Diseases of the head and neck"	Topic 9. Non-gunshot monofocal fractures of the bones of the middle zone of the face	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 9. Non-gunshot polyfocal fractures of the bones of the middle zone of the face		
	Topic 14. Reparative osteogenesis and complications of jaw fractures		
	Topic 15. Military dentistry. General characteristics of gunshot wounds of the face. Clinic, diagnosis, treatment		
	Topic 16. Principles of the organization of stage-by-stage treatment of injured and wounded in the face. Military medical examination		

			ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 2. (module) "Oncological diseases of the maxillofacial region"	Topic 17. Oncological alertness. Organization of oncological service. Factors of occurrence of tumors of the head and neck. Methods of examination of patients with oncological diseases	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 18. Precancerous conditions of the skin of the face, the red border of the lips and the oral mucosa		
	Topic 19. Benign tumors and tumor-like formations of soft tissues of the head and neck		
	Topic 20. Benign odontogenic tumors and tumor-like lesions of the jaws		
	Topic 21. Non-osteogenic and neodontogenic tumors of facial bones		

			2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 2. (module) "Oncological diseases of the maxillofacial region"	Topic 22. Osteogenic tumors and tumor-like diseases of facial bones	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 23. Malignant tumors of the head and neck organs		
	Topic 24. Basic principles of treatment of malignant neoplasms of the head and neck		
	Topic 25. Complications in the treatment of malignant neoplasms of the maxillofacial region. The role of a dentist in the system of care for patients with MFA tumors		

Section 3. (module) "Pediatric maxillofacial surgery"	Topic 26. Anatomical and physiological features of the child's body and maxillofacial region	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 27. Anesthesia and resuscitation in pediatric dentistry and maxillofacial surgery		
	Topic 28. Tooth extraction in children		
	Topic 29. Inflammatory processes of the soft tissues of the face in children		
	Topic 30. Inflammatory diseases of the jaws in children		

			ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 3. (module) "Pediatric maxillofacial surgery"	Topic 31. Diseases of the salivary glands in children of inflammatory genesis	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 32. Diseases of the temporomandibular joint in children		
	Topic 33. Birth trauma. Damage of teeth and facial bones in children		
	Topic 34. Soft tissue injuries in children. Medical examination of children who have suffered from MFA injury		
	Topic 35. Tumors and tumor-like processes of the soft tissues of the face in children		

			5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 3. (module) "Pediatric maxillofacial surgery"	Topic 36. Tumors and tumor-like processes of facial bones in children	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 37. Features of diagnosis and treatment of neoplasms in children. Rehabilitation of children with neoplasms		
	Topic 38. Congenital malformations of the face and neck		
	Topic 39. Congenital clefts of the upper lip and palate		
Section 3. (module) "Pediatric maxillofacial"	Topic 40. Congenital pathology of the oral	ПК-1, ПК-2, ОПК-2, ОПК-5,	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1,

surgery"	mucosa	ОПК-6, ОПК-12	ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 4. (module) "Maxillofacial and gnatic surgery"	Topic 41. Neuritis (neuropathy) and trigeminal neuralgia. Classification, diagnosis and treatment	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 42. Diseases and injuries of the facial nerve		
	Topic 43. Inflammatory and reactive-dystrophic diseases of the salivary glands		
	Topic 44. Inflammatory and dystrophic diseases of the temporomandibular joint		

			ОПК-12.3
Section 4. (module) "Maxillofacial and gnatic surgery"	Topic 45. Ankylosis of the temporomandibular joint. Contracture of the lower jaw	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 46. Reconstructive facial surgery		
	Topic 47. Plastic with local tissues		
	Topic 48. Pedicle flaps. Elimination of defects and deformations of the tissues of the maxillofacial region by the tissues of the pedicle flap		
	Topic 49. Free skin plastic surgery. Fascia and adipose tissue transplantation		ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-

			6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 4. (module) "Maxillofacial and gnatic surgery"	Topic 50. Free bone and cartilage transplantation. Methods of fixation. Advantages and disadvantages	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 51. Microvascular anastomosis flaps used in maxillofacial surgery		
	Topic 52. Congenital pathology of the craniofacial region. Anomalies and deformations of the zygomatic-orbital complex and nose		
	Topic 53. Anomalies, deformities and defects of the mandible		
	Topic 54. Congenital and acquired deformities of the upper jaw		

			ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 4. (module) "Maxillofacial and gnatic surgery"	Topic 55. Aesthetic surgery, contouring to correct the shape of the face and jaws.	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 5. (module) "Maxillofacial prosthetics"	Topic 56. The history of formation, current state and prospects of development of maxillofacial prosthetics		
	Topic 57. Principles of orthopedic treatment of patients with non-gunshot and gunshot fractures of the jaws		
	Topic 58. Splinting of jaws with individual bent wire splints at their fractures		
Section 5. (module)	Topic 59. Orthopedic	ПК-1, ПК-2,	ПК-1.1, ПК-1.2,

"Maxillofacial prosthetics"	treatment of patients with displaced fractures and false joints of the lower jaw	ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
Section 5. (module) "Maxillofacial prosthetics"	Topic 60. Orthopedic stage of complex treatment of patients with oncological diseases of the organs and tissues of the oral cavity	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3
	Topic 61. Features of orthopedic treatment of patients with congenital and acquired defects of the soft and hard palate		
	Topic 62. The technique of obtaining a face mask and casting a plaster model of the face, impressions of the nasal passages, auricle, ear canal, impression of the intraocular space		
	Topic 63. Modern methods of diagnosis and treatment of patients with maxillofacial prosthetics.		

			12.1, ОПК-12.2, ОПК-12.3
Section 5. (module) "Maxillofacial prosthetics"	Topic 64. The peculiarity of caring for patients with defects of the maxillofacial region	ПК-1, ПК-2, ОПК-2, ОПК-5, ОПК-6, ОПК-12	ПК-1.1, ПК-1.2, ПК-1.3, ПК-2.1, ПК-2.2, ОПК-2.1, ОПК-2.2, ОПК-2.3, ОПК-5.1, ОПК-5.2, ОПК-5.3, ОПК-6.1, ОПК-6.2, ОПК-6.3, ОПК-12.1, ОПК-12.2, ОПК-12.3

4.2. Scope of the discipline and types of academic work

Forms of control and types of academic work		Labor intensity of the discipline (module)			
		8	9	10	total
1. Face-to-face work:		80,2	96,2	98,5	274,9
In-class learning in total, including:		80	96	98	274
Лекционные занятия (Лек)		16	16	14	46,9
Лабораторные занятия (Лаб)		64	80	84	204
Индивидуальная контактная работа (ИКР)		0,2	0,2	0,5	
2. Independent work of the student:		27,8	47,8	45,5	121,1
3. Intermediate certification (exam) (экзамен, зачет)		За	За	Эк	Эк, За
Total:	academic hours	108	144	180	432
	credit units	3	4	5	12

№ item	The section's (theme's) name	Face-to face work, including in the electronic information and educational environment, academic hours				IW, academic hours	Total, academic hours
		Lect.	Pr.	Lab.	ICW		
	Section 1. (module) "Diseases of the head and neck"						

1	Topic 1. Abscesses and phlegmons of the face and neck. Classification, etiology, pathogenesis. General clinical characteristics. Diagnostics. General principles of treatment.	2		4		3	9
2	Topic 2. Features of abscesses and phlegmon of the middle and upper third of the face			4		3	7
3	Topic 3. Features of abscesses and phlegmon of the lower part of the face			4		3	7
4	Topic 4. Common phlegmons and complications of odontogenic inflammatory diseases of the face and neck	2		4		2,8	8,8
5	Topic 5. Traumatism of the maxillofacial region. Examination and principles of medical care for victims with maxillofacial trauma	1		4		3	8
6	Topic 6. Damage to the soft tissues of the face. Clinic, diagnosis, treatment	1		4		3	8
7	Topic 7. Dental injuries and dislocations of the lower jaw	2		4		3	9
8	Topic 8. Non-gunshot fractures of the lower jaw	2,2		4		3	9,2
9	Topic 9. Non-gunshot monofocal fractures of the bones of the middle zone of the face	2					2
10	Topic 9. Non-gunshot polyfocal fractures of the bones of the middle zone of the face	2					2
11	Topic 14. Reparative osteogenesis and complications of jaw fractures	2					2
12	Topic 15. Military dentistry. General characteristics of gunshot wounds of the face. Clinic, diagnosis, treatment			4		0,5	4,5
13	Topic 16. Principles of the organization of stage-by-stage treatment of injured and wounded in the face. Military medical examination			4		0,5	4,5
	Section 2. (module) "Oncological diseases of the maxillofacial region"						

14	Topic 17. Oncological alertness. Organization of oncological service. Factors of occurrence of tumors of the head and neck. Methods of examination of patients with oncological diseases	2		3		2	7
15	Topic 18. Precancerous conditions of the skin of the face, the red border of the lips and the oral mucosa	2		3		2	7
16	Topic 19. Benign tumors and tumor-like formations of soft tissues of the head and neck	2		3		2	7
17	Topic 20. Benign odontogenic tumors and tumor-like lesions of the jaws	2		3		2	7
18	Topic 21. Non-osteogenic and neodontogenic tumors of facial bones			3		2	5
19	Topic 22. Osteogenic tumors and tumor-like diseases of facial bones			3		2	5
20	Topic 23. Malignant tumors of the head and neck organs	1		3		2	6
21	Topic 24. Basic principles of treatment of malignant neoplasms of the head and neck	1		3		2	6
22	Topic 25. Complications in the treatment of malignant neoplasms of the maxillofacial region. The role of a dentist in the system of care for patients with MFA tumors			4		2	6
	Section 3. (module) "Pediatric maxillofacial surgery"						
23	Topic 26. Anatomical and physiological features of the child's body and maxillofacial region			3		2	5
24	Topic 27. Anesthesia and resuscitation in pediatric dentistry and maxillofacial surgery	1		4		2	7
25	Topic 28. Tooth extraction in children	3,2		2		2	7,2
26	Topic 29. Inflammatory processes of the soft tissues of the face in children			3		2	5

27	Topic 30. Inflammatory diseases of the jaws in children			3		2	5
28	Topic 31. Diseases of the salivary glands in children of inflammatory genesis			3		2	5
29	Topic 32. Diseases of the temporomandibular joint in children			3		2	5
30	Topic 33. Birth trauma. Damage of teeth and facial bones in children			3		2	5
31	Topic 34. Soft tissue injuries in children. Medical examination of children who have suffered from MFA injury			4		2	6
32	Topic 35. Tumors and tumor- like processes of the soft tissues of the face in children			4		2	6
33	Topic 36. Tumors and tumor- like processes of facial bones in children			4		2	6
34	Topic 37. Features of diagnosis and treatment of neoplasms in children. Rehabilitation of children with neoplasms			4		1,8	5,8
35	Topic 38. Congenital malformations of the face and neck			4		2	6
36	Topic 39. Congenital clefts of the upper lip and palate	2		4		2	8
37	Topic 40. Congenital pathology of the oral mucosa			4		2	6
	Section 4. (module) "Maxillofacial and gnatic surgery"						
38	Topic 41. Neuritis (neuropathy) and trigeminal neuralgia. Classification, diagnosis and treatment	1		4		1,7	6,7
39	Topic 42. Diseases and injuries of the facial nerve	1		4		1,6	6,6
40	Topic 43. Inflammatory and reactive-dystrophic diseases of the salivary glands	2		3,5		1	6,5
41	Topic 44. Inflammatory and dystrophic diseases of the temporomandibular joint	3,5		4		2	9,5
42	Topic 45. Ankylosis of the temporomandibular joint. Contracture of the lower jaw			4		2	6

43	Topic 46. Reconstructive facial surgery			4		2	6
44	Topic 47. Plastic with local tissues	1		4		2	7
45	Topic 48. Pedicle flaps. Elimination of defects and deformations of the tissues of the maxillofacial region by the tissues of the pedicle flap	1		4		2	7
46	Topic 49. Free skin plastic surgery. Fascia and adipose tissue transplantation	1,5		3,5		2	7
47	Topic 50. Free bone and cartilage transplantation. Methods of fixation. Advantages and disadvantages			3,5		2	5,5
48	Topic 51. Microvascular anastomosis flaps used in maxillofacial surgery			3,5		2	5,5
49	Topic 52. Congenital pathology of the craniofacial region. Anomalies and deformations of the zygomatic-orbital complex and nose			4		2	6
50	Topic 53. Anomalies, deformities and defects of the mandible	1,5		3,5		2	7
51	Topic 54. Congenital and acquired deformities of the upper jaw			3,5		2	5,5
52	Topic 55. Aesthetic surgery, contouring to correct the shape of the face and jaws.			3,5		2	5,5
	Section 5. (module) "Maxillofacial prosthetics"						
53	Topic 56. The history of formation, current state and prospects of development of maxillofacial prosthetics			3		1,2	4,2
54	Topic 57. Principles of orthopedic treatment of patients with non-gunshot and gunshot fractures of the jaws	0,2		3		2	5,2
55	Topic 58. Splinting of jaws with individual bent wire splints at their fractures	1,5		3,5		2	7
56	Topic 59. Orthopedic treatment of patients with displaced fractures and false joints of the lower jaw			3		2	5

57	Topic 60. Orthopedic stage of complex treatment of patients with oncological diseases of the organs and tissues of the oral cavity			3		2	5
58	Topic 61. Features of orthopedic treatment of patients with congenital and acquired defects of the soft and hard palate			3		2	5
59	Topic 62. The technique of obtaining a face mask and casting a plaster model of the face, impressions of the nasal passages, auricle, ear canal, impression of the intraocular space	0,3		3		2	5,3
60	Topic 63. Modern methods of diagnosis and treatment of patients with maxillofacial prosthetics.			3		2	5
61	Topic 64. The peculiarity of caring for patients with defects of the maxillofacial region			3		2	5
Total academic hours		46,9		204		118, 1	405

4.3. Summary of the discipline (module), structured by sections (topics)

Раздел 1. Section 1. (module) "Diseases of the head and neck"

Тема 1. Topic 1. Abscesses and phlegmons of the face and neck. Classification, etiology, pathogenesis. General clinical characteristics. Diagnostics. General principles of treatment.

Лекционное занятие. Абсцессы и флегмоны лица и шеи. Классификация, Этиология, пути распространения инфекции, патогенез. Общие клинические признаки. Топическая диагностика. Общая клиническая характеристика. Диагностика. Общие принципы лечения и интенсивной терапии

Лабораторное занятие. Абсцессы и флегмоны лица и шеи. Классификация, этиология, патогенез. Общая клиническая характеристика. Диагностика. Общие принципы лечения.

Тема 2. Topic 2. Features of abscesses and phlegmon of the middle and upper third of the face

Лабораторное занятие. Особенности абсцессов и флегмон средней и верхней трети лица

Тема 3. Topic 3. Features of abscesses and phlegmon of the lower part of the face

Лабораторное занятие. Особенности абсцессов и флегмон нижнего отдела лица

Тема 4. Topic 4. Common phlegmons and complications of odontogenic inflammatory diseases of the face and neck

Лекционное занятие. Распространенные флегмоны и осложнения одонтогенных воспалительных заболеваний лица и шеи

Лабораторное занятие. Распространенные флегмоны и осложнения одонтогенных воспалительных заболеваний лица и шеи

Тема 5. Topic 5. Traumatism of the maxillofacial region. Examination and principles of medical care for victims with maxillofacial trauma

Лекционное занятие. Травматизм челюстно-лицевой области. Обследование и принципы оказания медицинской помощи пострадавшим с челюстно-лицевой травмой

Лабораторное занятие. Травматизм челюстно-лицевой области. Обследование и принципы оказания медицинской помощи пострадавшим с челюстно-лицевой травмой

Тема 6. Topic 6. Damage to the soft tissues of the face. Clinic, diagnosis, treatment

Лекционное занятие. Повреждения мягких тканей лица. Клиника, диагностика, лечение

Лабораторное занятие. Повреждения мягких тканей лица. Клиника, диагностика, лечение

Тема 7. Topic 7. Dental injuries and dislocations of the lower jaw

Лекционное занятие. Повреждения зубов, переломы альвеолярных отростков верхней челюсти и альвеолярной части нижней челюсти

Лабораторное занятие. Повреждения зубов и вывихи нижней челюсти

Тема 8. Topic 8. Non-gunshot fractures of the lower jaw

Лекционное занятие. Неогнестрельные переломы нижней челюсти

Лекционное занятие. Неогнестрельные переломы нижней челюсти

Лабораторное занятие. Неогнестрельные переломы нижней челюсти

Тема 9. Topic 9. Non-gunshot monofocal fractures of the bones of the middle zone of the face

Лекционное занятие. Неогнестрельные монофокальные переломы костей средней зоны лица

Тема 10. Topic 9. Non-gunshot polyfocal fractures of the bones of the middle zone of the face

Лекционное занятие. Неогнестрельные полифокальные переломы костей средней зоны лица

Тема 11. Topic 14. Reparative osteogenesis and complications of jaw fractures

Лекционное занятие. Репаративный остеогенез и осложнения переломов челюстей

Тема 12. Topic 15. Military dentistry. General characteristics of gunshot wounds of the face. Clinic, diagnosis, treatment

Лабораторное занятие. Военная стоматология. Общая характеристика огнестрельных ранений лица. Клиника, диагностика, лечение

Тема 13. Topic 16. Principles of the organization of stage-by-stage treatment of injured and wounded in the face. Military medical examination

Лабораторное занятие. Принципы организации этапного лечения пострадавших и раненых в лицо. Военно-врачебная экспертиза

Раздел 2. Section 2. (module) "Oncological diseases of the maxillofacial region"

Тема 14. Topic 17. Oncological alertness. Organization of oncological service. Factors of occurrence of tumors of the head and neck. Methods of examination of patients with oncological diseases

Лекционное занятие. Онкологическая настороженность. Структура и организация онкологической службы. Принципы международной классификации опухолей ВОЗ. Принципы диспансеризации больных с новообразованиями челюстно-лицевой области. Диспансерные группы. Общие принципы и частная диагностика новообразований челюстно-лицевой области.

Лабораторное занятие. Онкологическая настороженность. Организация онкологической службы. Факторы возникновения опухолей головы и шеи. Методы обследования пациентов онкологическими заболеваниями

Тема 15. Topic 18. Precancerous conditions of the skin of the face, the red border of the lips and the oral mucosa

Лекционное занятие. Предраковые поражения кожи лица, красной каймы губ и слизистой оболочки полости рта

Лабораторное занятие. Предраковые состояния кожи лица, красной каймы губ и слизистой оболочки полости рта

Тема 16. Topic 19. Benign tumors and tumor-like formations of soft tissues of the head and neck

Лекционное занятие. Доброкачественные опухоли и опухолеподобные образования мягких тканей челюстно-лицевой области у взрослых и детей.

Лабораторное занятие. Доброкачественные опухоли и опухолеподобные образования мягких тканей головы и шеи

Тема 17. Topic 20. Benign odontogenic tumors and tumor-like lesions of the jaws

Лекционное занятие. Доброкачественные опухоли и опухолеподобные образования мягких тканей челюстно-лицевой области у взрослых и детей. Кисты челюстей у детей и взрослых

Лабораторное занятие. Доброкачественные одонтогенные опухоли и опухолеподобные поражения челюстей

Тема 18. Topic 21. Non-osteogenic and neodontogenic tumors of facial bones

Лабораторное занятие. Неостеогенные и неодонтогенные опухоли костей лица

Тема 19. Topic 22. Osteogenic tumors and tumor-like diseases of facial bones

Лабораторное занятие. Остеогенные опухоли и опухолеподобные заболевания костей лица

Тема 20. Topic 23. Malignant tumors of the head and neck organs

Лекционное занятие. Опухоли слюнных желез

Лабораторное занятие. Злокачественные опухоли органов головы и шеи

Тема 21. Topic 24. Basic principles of treatment of malignant neoplasms of the head and neck

Лекционное занятие. Современные принципы лечения больных со злокачественными опухолями челюстно-лицевой области

Лабораторное занятие. Основные принципы лечения злокачественных

новообразований головы и шеи

Тема 22. Topic 25. Complications in the treatment of malignant neoplasms of the maxillofacial region. The role of a dentist in the system of care for patients with MFA tumors

Лабораторное занятие. Осложнения при лечении злокачественных новообразований челюстно-лицевой области. Роль врача-стоматолога в системе оказания помощи больным с опухолями ЧЛО

Раздел 3. Section 3. (module) "Pediatric maxillofacial surgery"

Тема 23. Topic 26. Anatomical and physiological features of the child's body and maxillofacial region

Лабораторное занятие. Анатомо-физиологические особенности детского организма и челюстно-лицевой области

Тема 24. Topic 27. Anesthesia and resuscitation in pediatric dentistry and maxillofacial surgery

Лекционное занятие. Особенности обезболивания в детской стоматологии и челюстно-лицевой хирургии

Лабораторное занятие. Обезболивание и реанимация в детской стоматологии и челюстно-лицевой хирургии

Тема 25. Topic 28. Tooth extraction in children

Лекционное занятие. Особенности удаления зубов у детей

Лекционное занятие. Современные подходы к «проблеме» зубов мудрости

Лекционное занятие. Особенности удаления зубов у детей

Лабораторное занятие. Удаление зубов у детей

Тема 26. Topic 29. Inflammatory processes of the soft tissues of the face in children

Лабораторное занятие. Воспалительные процессы мягких тканей лица у детей

Тема 27. Topic 30. Inflammatory diseases of the jaws in children

Лабораторное занятие. Воспалительные заболевания челюстей у детей

Тема 28. Topic 31. Diseases of the salivary glands in children of inflammatory genesis

Лабораторное занятие. Заболевания слюнных желез у детей воспалительного генеза

Тема 29. Topic 32. Diseases of the temporomandibular joint in children

Лабораторное занятие. Заболевания височно-нижнечелюстного сустава у детей

Тема 30. Topic 33. Birth trauma. Damage of teeth and facial bones in children

Лабораторное занятие. Родовая травма. Повреждение зубов и костей лица у детей

Тема 31. Topic 34. Soft tissue injuries in children. Medical examination of children who have suffered from MFA injury

Лабораторное занятие. Повреждения мягких тканей у детей. Диспансеризация детей перенесших травму ЧЛЮ

Тема 32. Topic 35. Tumors and tumor-like processes of the soft tissues of the face in children

Лабораторное занятие. Опухоли и опухолеподобные процессы мягких тканей лица у детей

Тема 33. Topic 36. Tumors and tumor-like processes of facial bones in children

Лабораторное занятие. Опухоли и опухолеподобные процессы костей лица у детей

Тема 34. Topic 37. Features of diagnosis and treatment of neoplasms in children. Rehabilitation of children with neoplasms

Лабораторное занятие. Особенности диагностики и лечения новообразований у детей. Реабилитация детей с новообразованиями

Тема 35. Topic 38. Congenital malformations of the face and neck

Лабораторное занятие. Врожденные пороки развития лица и шеи

Тема 36. Topic 39. Congenital clefts of the upper lip and palate

Лекционное занятие. Врожденные несращения верхней губы и неба

Лабораторное занятие. Врожденные несращения верхней губы и неба

Тема 37. Topic 40. Congenital pathology of the oral mucosa

Лабораторное занятие. Врожденная патология слизистой оболочки полости рта

Раздел 4. Section 4. (module) "Maxillofacial and gnathic surgery"

Тема 38. Topic 41. Neuritis (neuropathy) and trigeminal neuralgia. Classification, diagnosis and treatment

Лекционное занятие. Неврит (невропатия) и невралгия тройничного нерва. Классификация, диагностика и лечение

Лабораторное занятие. Неврит (невропатия) и невралгия тройничного нерва. Классификация, диагностика и лечение

Тема 39. Topic 42. Diseases and injuries of the facial nerve

Лекционное занятие. Заболевания и повреждения лицевого нерва

Лабораторное занятие. Заболевания и повреждения лицевого нерва

Тема 40. Topic 43. Inflammatory and reactive-dystrophic diseases of the salivary glands

Лекционное занятие. Воспалительные и реактивно-дистрофические заболевания слюнных желез

Лабораторное занятие. Воспалительные и реактивно-дистрофические заболевания слюнных желез

Тема 41. Topic 44. Inflammatory and dystrophic diseases of the temporomandibular joint

Лекционное занятие. Дисфункциональные заболевания ВНЧС

Лабораторное занятие. Воспалительные и дистрофические заболевания височно-нижнечелюстного сустава

Тема 42. Topic 45. Ankylosis of the temporomandibular joint. Contracture of the lower jaw

Лабораторное занятие. Анкилоз височно-нижнечелюстного сустава. Контрактура нижней челюсти

Тема 43. Topic 46. Reconstructive facial surgery

Лабораторное занятие. Восстановительная хирургия лица

Тема 44. Topic 47. Plastic with local tissues

Лекционное занятие. Пластика местными тканями

Лабораторное занятие. Пластика местными тканями

Тема 45. Topic 48. Pedicle flaps. Elimination of defects and deformations of the tissues of the maxillofacial region by the tissues of the pedicle flap

Лекционное занятие. Лоскуты на питающей ножке

Лабораторное занятие. Лоскуты на питающей ножке. Устранение дефектов и деформаций тканей челюстно-лицевой области тканями круглого стебельчатого лоскута

Тема 46. Topic 49. Free skin plastic surgery. Fascia and adipose tissue transplantation

Лекционное занятие. Свободная пересадка тканей

Лабораторное занятие. Свободная кожная пластика. Пересадка фасций и жировой ткани

Тема 47. Topic 50. Free bone and cartilage transplantation. Methods of fixation. Advantages and disadvantages

Лабораторное занятие. Свободная пересадка кости, хряща. Способы фиксации. Преимущества и недостатки

Тема 48. Topic 51. Microvascular anastomosis flaps used in maxillofacial surgery

Лабораторное занятие. Лоскуты на микрососудистом анастомозе, применяемые в челюстно-лицевой хирургии

Тема 49. Topic 52. Congenital pathology of the craniofacial region. Anomalies and deformations of the zygomatic-orbital complex and nose

Лабораторное занятие. Врожденная патология кранио-фациальной области. Аномалии и деформации скуло-орбитального комплекса и носа

Тема 50. Topic 53. Anomalies, deformities and defects of the mandible

Лекционное занятие. Аномалии основных размеров челюстей. Клиника, диагностика, лечение.

Лабораторное занятие. Аномалии, деформации и дефекты нижней челюсти

Тема 51. Topic 54. Congenital and acquired deformities of the upper jaw

Лабораторное занятие. Врожденные и приобретенные деформации верхней челюсти

Тема 52. Topic 55. Aesthetic surgery, contouring to correct the shape of the face and jaws.

Лабораторное занятие. Эстетическая хирургия, контурная пластика для исправления формы лица и челюстей.

Раздел 5. Section 5. (module) "Maxillofacial prosthetics"

Тема 53. Topic 56. The history of formation, current state and prospects of development of maxillofacial prosthetics

Лабораторное занятие. История становления, современное состояние и перспективы развития челюстно-лицевого протезирования

Тема 54. Topic 57. Principles of orthopedic treatment of patients with non-gunshot and gunshot fractures of the jaws

Лекционное занятие. Принципы ортопедического лечения больных с неогнестрельными и огнестрельными переломами челюстей

Лабораторное занятие. Принципы ортопедического лечения больных с неогнестрельными и огнестрельными переломами челюстей

Тема 55. Topic 58. Splinting of jaws with individual bent wire splints at their fractures

Лекционное занятие. Шинирование челюстей индивидуальными гнутыми проволочными шинами при их переломах

Лабораторное занятие. Шинирование челюстей индивидуальными гнутыми проволочными шинами при их переломах

Тема 56. Topic 59. Orthopedic treatment of patients with displaced fractures and false joints of the lower jaw

Лабораторное занятие. Ортопедическое лечение больных с неправильно сросшимися переломами и ложными суставами нижней челюсти

Тема 57. Topic 60. Orthopedic stage of complex treatment of patients with oncological diseases of the organs and tissues of the oral cavity

Лабораторное занятие. Ортопедический этап комплексного лечения больных с онкологическими заболеваниями органов и тканей полости рта

Тема 58. Topic 61. Features of orthopedic treatment of patients with congenital and acquired defects of the soft and hard palate

Лабораторное занятие. Особенности ортопедического лечения больных с врожденными и приобретенными дефектами мягкого и твердого неба

Тема 59. Topic 62. The technique of obtaining a face mask and casting a plaster model of the face, impressions of the nasal passages, auricle, ear canal, impression of the intraocular space

Лекционное занятие. Методика получения маски лица и литья гипсовой модели лица, оттисков носовых ходов, ушной раковины, слухового прохода, оттиска внутриглазного пространства.

Лабораторное занятие. Методика получения маски лица и литья гипсовой модели лица, оттисков носовых ходов, ушной раковины, слухового прохода, оттиска внутриглазного пространства

Тема 60. Topic 63. Modern methods of diagnosis and treatment of patients with maxillofacial prosthetics.

Лабораторное занятие. Современные методы диагностики и лечения больных при челюстно-лицевом протезировании.

Тема 61. Topic 64. The peculiarity of caring for patients with defects of the maxillofacial region

Лабораторное занятие. Особенность ухода за больными с дефектами челюстно-лицевой области

5. Educational technologies

To implement the competence-based approach in the study of the discipline (module), extensive use of active and interactive methods of conducting classes in the educational process is provided:

Within the framework of the discipline, the following forms of classes and educational technologies are used:

lectures – an interactive form of classes can be used to present new material;

the use of multimedia tools (electronic whiteboards, projectors) – to improve the quality of perception of the studied material;

laboratory classes are for the development of clinical thinking and active search for ways and means of solving the affected problem (solving situational problems).

Problem lecture - involves the presentation of educational material in the form of problem situations and the involvement of listeners in a joint analysis and search for solutions. The problematic content of the lecture should be conveyed in a problematic form.

Lecture-visualization using computer technology. The lecture material is accompanied by slides demonstrated during the lecture.

Lecture-dialogue. The content of the lecture is presented through a series of questions that the listener must answer directly during the lecture.

A heuristic conversation is a certain set of questions that direct the thoughts and answers of students in the right direction. A heuristic conversation is considered successful if the questions were correctly posed and the students gave the correct answers.

Computer simulation is the use of computer programs to stimulate (demonstrate) a clinical case or a certain type of disease

A laboratory lesson is a form of educational and laboratory classes in which students discuss messages, reports and abstracts that they have completed based on the results of educational or scientific research under the guidance of a teacher. In this case, the teacher is the coordinator of discussions on the topic of the seminar, preparation for which is mandatory. Therefore, the topic of the seminar and the main sources of discussion are presented before the discussion for detailed acquaintance study

6. Forms of control and types of evaluation materials for the discipline (module)

Intermediate attestation - evaluation of intermediate and final results of training in the discipline (module).

6.1. Sample list of questions for the credit test

List of questions for the test 8th semester:

1. Etiology and pathogenesis of abscesses and phlegmons of maxillofacial area
2. Pathological anatomy of abscesses and phlegmons of maxillofacial area
3. Classification of abscesses and phlegmons of maxillofacial area
4. Ways of penetration of the infectious process into the soft tissues of the maxillofacial region.
5. Ways of spreading the infectious process in the soft tissues of the maxillofacial region.
6. Basic diagnostic methods for abscesses and phlegmon of the maxillofacial region.
7. Abscess and phlegmon of the temporal region (clinic, diagnosis, topographic anatomy)
8. Abscess and phlegmon of the eyelids (clinic, diagnosis, topographic anatomy)
9. Abscess and phlegmon of the infraorbital region (clinic, diagnosis, topographic anatomy)
10. Abscess and phlegmon in the lip area (clinic, diagnosis, topographic anatomy)
11. Abscess and phlegmon in the nasal area (clinic, diagnosis, topographic anatomy)
12. Abscess and phlegmon in the mental area.(clinic, diagnostics, topographic anatomy)

13. Abscess and phlegmon in the orbital area (clinic, diagnosis, topographic anatomy)
 14. Abscess and phlegmon in the zygomatic area (clinic, diagnosis, topographic anatomy)
 15. Abscess of the nasal cavity (clinic, diagnosis, topographic anatomy)
 16. Abscess of the hard palate of the oral cavity (clinic, diagnosis)
 17. Abscess of the soft palate of the oral cavity (clinic, diagnosis)
 18. Abscess of the tongue body (clinic, diagnosis)
 19. Abscess and phlegmon of the root of the tongue (clinic, diagnosis, topographic anatomy)
 20. Abscess of the sublingual area (clinic, diagnosis, topographic anatomy)
 21. Abscess of the alveololingual groove (clinic, diagnosis)
 22. Abscess and phlegmon of the buccal region (clinic, diagnosis, topographic anatomy)
 23. Abscess and phlegmon of the parotid-masticatory region (clinic, diagnosis, topographic anatomy)
 24. Abscess and phlegmon of the parotid region (clinic, diagnosis)
 25. Abscess and phlegmons of the submasseteric cellular space of the masticatory region (submasseteric space) (clinic, diagnosis, topographic anatomy)
 26. Abscess and phlegmon of the supra-maxillary fossa (clinic, diagnosis, topographic anatomy)
 27. The technique of the operation of opening the phlegmon of the parotid-masticatory region with the defeat of several cellular spaces.
 28. Abscess and phlegmon of the subtemporal fossa (clinic, diagnosis, topographic anatomy)
 29. Abscess and phlegmon of the pterygo-mandibular space (clinic, diagnosis, topographic anatomy)
 30. Abscess and phlegmon of the parapharyngeal space (clinic, diagnosis, topographic anatomy)
 31. Pharyngeal wall abscess (clinic, diagnosis).
 32. Abscess and phlegmon of the post-pharyngeal cellular space (clinic, diagnosis)
 33. Abscess and phlegmon of the submental region (clinic, diagnosis, topographic anatomy)
 34. Abscess and phlegmon of the submandibular area (clinic, diagnosis, topographic anatomy)
 35. Phlegmon of the bottom of the oral cavity with localization of purulent-inflammatory process in the sublingual area on both sides (clinic, diagnosis)
 36. Phlegmon of the bottom of the oral cavity with localization of purulent-inflammatory process in the submandibular and sublingual areas from the same side (clinic, diagnosis)
 37. Phlegmon of the bottom of the oral cavity with localization of the purulent-inflammatory process in the submandibular areas on both sides (clinic, diagnosis, topographic anatomy)
 38. Phlegmon of the bottom of the oral cavity with localization of the infectious-inflammatory process in the submandibular and sublingual cellular spaces on both sides (clinic, diagnosis, topographic anatomy)
 39. Abscess and phlegmon of the lateral neck (clinic, diagnosis, topographic anatomy)
 40. Etiology, pathogenesis of phlebitis and purulent thrombophlebitis of facial veins.
 41. Clinic and diagnosis of phlebitis and thrombophlebitis of facial veins.
 42. Differential diagnosis of facial vein thrombophlebitis.
 43. Ways of spreading infection with facial vein thrombophlebitis.
 44. Cavernous sinus thrombosis - clinic, diagnosis.

45. Methods of surgical interventions for periflebitis and thrombophlebitis.
 46. Principles of conservative treatment for complications of abscesses and phlegmon of the face and neck.
 47. Contact mediastinitis – clinic, diagnostics.
 48. Methods of surgical interventions in odontogenic mediastinitis.
 49. Odontogenic sepsis – clinic, diagnosis
 50. Odontogenic meningitis – clinic, diagnosis.
 51. Putrefactive-necrotic phlegmon of the maxillofacial region - clinic, diagnosis.
 52. General principles of drainage and treatment of a purulent focus in the maxillofacial region.
 53. General principles of surgical treatment of phlegmon and abscesses of the maxillofacial region.
 54. Methods of anesthesia during surgical interventions in the maxillofacial region.
 55. Features of surgical treatment of phlegmon and abscesses of the maxillofacial region
 56. General principles of conservative therapy of inflammatory diseases.
 57. Local antiseptics used in the treatment of phlegmon and abscesses of the maxillofacial region.
 58. General principles of antibacterial therapy in the treatment of abscesses and phlegmon of the maxillofacial region.
 59. Transfusion therapy in the treatment of inflammatory diseases of the maxillofacial region.
 60. Brain abscess as a complication of inflammatory processes of the maxillofacial region – clinic, diagnosis.
 61. Classification of injuries of the maxillofacial region.
 62. Classification of soft tissue damage of the maxillofacial region.
 63. Principles of primary surgical treatment for wounds of soft tissues of the face.
 64. Principles of assistance to victims with facial trauma.
 65. Classification of facial bone fractures.
 66. Characteristic complaints of victims and anamnesis data for injuries of the bones of the maxillofacial region.
 67. Methods of examination of victims with facial injuries.
 68. Methods of palpatory examination of facial bone fractures.
 69. Methods of instrumental examination of victims with injuries of the maxillofacial region.
 70. Additional research methods for victims with facial tissue injuries.
 71. Methods of radiation diagnostics of injuries of the maxillofacial region.
 72. Methods of examination of patients in the clinic of surgical dentistry and maxillofacial surgery.
 73. Principles of conservative treatment for injuries of soft tissues of the face.
 74. Clinical picture of facial soft tissue bruises. Treatment.
 75. Hematoma of the maxillofacial region. Localization of hematomas on the face.
- Clinical manifestations.
 76. Methods of treatment of hematomas on the face.
 77. Classification of dislocations of the lower jaw.
 78. Clinical manifestations of acute dislocations of the lower jaw.
 79. Methods of diagnosis of acute dislocations of the lower jaw.
 80. Management methods of acute dislocations of the lower jaw.
 81. Classification of dental trauma.
 82. Diagnosis of dental trauma.
 83. Methods of treatment of dislocations of teeth.
 84. Methods of treatment for fractured teeth.

85. Clinical picture of fractures of the alveolar process of the upper jaw.
 86. Clinical picture of fractures of the alveolar part of the lower jaw.
 87. Methods of immobilization in fractures of the alveolar process of the upper jaw and the alveolar part of the lower jaw.
 88. Classification of fractures of the lower jaw.
 89. Diagnosis of fractures of the lower jaw.
 90. Types of temporary (transport) immobilization in fractures of the lower jaw.
 91. Types of permanent immobilization of fractures of the lower jaw.
 92. Surgical methods of treatment of fractures of the lower jaw.
 93. Combined methods of treatment of fractures of the lower jaw.
 94. Clinical picture, diagnosis of a fracture of the zygomatic bone.
 95. Treatment of a fracture of the zygomatic bone.
 96. Clinical picture, diagnosis of a fracture of the zygomatic arch.
 97. Treatment of a fracture of the zygomatic arch.
 98. Clinical picture, diagnosis of fracture of the bones of the nose.
 99. Treatment of a fracture of the bones of the nose.
 100. Classification of polyfocal fractures of the middle zone of the face.
 101. The clinical picture of the fracture of the middle zone of the face by the upper level
 102. The clinical picture of the fracture of the middle zone of the face by the middle level
 103. The clinical picture of the fracture of the middle zone of the face by the lower level
 104. Diagnosis of polyfocal fractures of the middle zone of the face
 105. Methods of treatment of polyfocal fractures of the middle zone of the face
 106. The concept of uncomplicated reparative osteogenesis, its stages.
 107. Sources of reparative osteogenesis in the maxillofacial region.
 108. Step-by-step regulation of reparative osteogenesis.
 109. Purulent wound of the soft tissues of the face - clinic, treatment methods.
 110. Traumatic osteomyelitis of facial bones – clinic, treatment methods.
 111. Traumatic sinusitis – clinic, diagnosis, treatment methods
 112. Delayed consolidation of facial bone fragments. Reason. Diagnostic methods
 113. Delayed consolidation of facial bone fragments. Methods of treatment.
 114. "False joint" of the bones of the face. Etiology of the process, pathogenesis, diagnosis
 115. Methods of treatment of "false joint" of facial bones.
 116. Etiology, diagnosis of incorrect consolidation of fragments of facial bones.
 117. Methods of treatment of incorrect consolidation of fragments of facial bones.
 118. Stages of facial burn.
 119. Clinical picture of facial burns.
 120. Treatment of facial burns.
 121. The main clinical characteristics of electrocution in the maxillofacial region.
 122. Clinical manifestations in the cavity during radiation sickness.
 123. Classification of traumatic brain injury.
 124. The concept of mutual burden syndrome.
 125. General characteristics of gunshot wounds of the face.
 126. Features of gunshot wounds of the lower zone of the face
 127. Features of gunshot wounds of the middle zone of the face
 128. Methods of treatment of gunshot wounds of the lower jaw.
 129. Methods of treatment of gunshot wounds of the upper jaw.
 130. Outcomes of gunshot wounds of the face.
 131. The concept of the syndrome of prolonged compression of facial tissues.

132. Stages of evacuation of victims in war and peacetime.
133. The concept of combined, monofocal, polyfocal trauma in the maxillofacial region.

6.2. Sample list of questions for the examination

List of manual skills and nosologies for the exam 9th semester

List of manual skills:

1. Palpation of the bones of the facial skeleton.
2. Palpation of soft tissues of the maxillofacial region.
3. Palpation of regional lymph nodes of the maxillofacial region.
4. Objective study of the TMJ function
5. Palpation of the large salivary glands.
6. Examination of the function of the salivary glands and contrast.
7. Incisional biopsy.
8. Puncture biopsy.
9. Aspiration biopsy.
10. Trepan biopsy.
11. Diagnostic puncture of the cavity formation.
12. Infiltration anesthesia of soft tissues of the maxillofacial region and neck in children and adults.
13. Infiltration anesthesia on the alveolar process in children and adults.
14. Intraalveolar anesthesia in children and adults.
15. Intraoral anesthesia in children and adults.
16. Intraoral mandibular nerve block in children and adults.
17. Thorus nerve block in children and adults.
18. Intraoral mental nerve block in children and adults.
19. Extraoral mental nerve block in children and adults.
20. Buccal nerve block in children and adults.
21. Lingual nerve block in children and adults.
22. Posterior superior nerve block in children and adults.
23. Intraoral infraorbital nerve block in children and adults.
24. Extraoral infraorbital nerve block in children and adults.
25. Naso-palatine nerve block in children and adults.
26. The great palatine nerve block in children and adults.
27. Nerve block be foramen ovale.
28. Nerve block be foramen rotundum.
29. Nerve block by Berche.
30. Extraction of incisors and canines of the upper jaw in children and adults.
31. Extraction of premolars of the upper jaw in children and adults.
32. Extraction of molars of the upper jaw in children and adults.
33. Extraction of incisors and canines of the lower jaw in children and adults.
34. Extraction of premolars of the lower jaw in children and adults.
35. Extraction of molars of the lower jaw in children and adults.
36. Extraction of the third molar of the lower jaw in children and adults.
37. Extraction of atypically located teeth using a drill in children and adults.
38. Tooth root extraction in children and adults.
39. Dissection and excision of the operculum in the area of the third lower molar in

40. Tamponade and suturing of the alveolar socket in children and adults.
 41. Curettage of the alveolar socket in alveolitis
 42. Cystotomy of the jaw cyst
 43. Cystectomy of the jaw cyst.
 44. Cystostomy of the jaw cyst
 45. Autopsy of a subperiosteal abscess in children and adults.
 46. Opening of the abscess and phlegmons of the infraorbital area.
 47. Opening of the abscess and phlegmons of the submandibular area.
 48. Opening of the abscess and phlegmon of the zygomatic area.
 49. Opening of the abscess and phlegmon of the buccal area.
 50. Opening of the abscess and phlegmon of the temporal area.
 51. Opening of the abscess and phlegmons of the submental area.
 52. Opening of the abscess and phlegmon of the bottom of the mouth.
 53. Opening of the abscess and phlegmon of the peripharyngeal space.
 54. Opening of abscessing boils in children.
 55. Washing and drainage of purulent wounds of the maxillofacial region.
 56. Vishnevsky therapeutic blockade for boils in children and adults.
 57. Augmentation of the ducts of the salivary glands.
 58. Instillation of medicinal substances into the ducts of the salivary glands.
 59. Applying a bandage to the wound of the lower face area.
 60. Applying a bandage to the wound of the middle zone of the face.
 61. The imposition of a mental-parietal bandage for temporary immobilization in case of a fracture of the lower jaw.
 62. The imposition of the Hippocratic cap-shaped bandage.
 63. Ligature binding of teeth with the "eight" for temporary immobilization of fragments.
 64. Interdental Eyelet Wiring (Ivy Loop Method)
 65. Reduction of dislocation of the lower jaw.
 66. Primary surgical treatment of the wound of the maxillofacial region.
 67. Reposition of fragments of the zygomatic bone.
 68. Reposition of fragments of the zygomatic arch
 69. Reposition of fragments of the lower jaw.
 70. Reposition of fragments of the upper jaw.
 71. Splinting with dislocation of the tooth and fracture of the alveolar process.
 72. Production of an individual bent wire with hook loops.
 73. Splinting in case of fracture of the lower jaw.
 74. Feeding patients with pathology of the maxillofacial region.
 75. Removal of benign neoplasm of the oral mucosa.
 76. Removal of benign neoplasms of the skin and subcutaneous cellular tissues.

Nosological units:

1. Abscess and phlegmon of the submandibular area
2. Abscess and phlegmon of the submental area
3. Abscess and phlegmon of the pterygo-mandibular space
4. Abscess and phlegmon of the parapharyngeal space
5. Abscess and phlegmon of the parotid-masticatory area
6. Abscess of the submasseterial space
7. Abscess and phlegmon of the supramandibular region
8. Abscess and phlegmon of the sublingual area and alveololingual groove
9. Abscess of the body and root of the tongue
10. Abscess and phlegmon of the infraorbital area
11. Abscess and phlegmon of the buccal region

12. Abscess and phlegmon of the zygomatic area
 13. Abscess and phlegmon of the subtemporal and pterygoid-palatine fossas
 14. Abscess and phlegmon of the orbita
 15. Phlegmons and abscesses of the temporal region in children and adults
 16. Phlegmons of the bottom of the oral cavity
 17. Putrefactive necrotic phlegmon of the face and neck
 18. Complications of odontogenic inflammatory processes of the face and neck:
 - o Mediastinitis
 - o Odontogenic sepsis
 - o Phlebitis and thrombophlebitis
 - o Cavernous sinus thrombosis
 19. Acute parotitis of the newborn
 20. Chronic parenchymal parotitis in children
 21. Sialolithiasis (calculous sialoadenitis)
 22. Acute epidemic parotitis in children
 23. Cysts of the salivary glands
 24. Dental injuries in children and adults (dislocations and fractures)
 25. Dislocation of the temporomandibular joint
 26. Non-gunshot fractures of the lower jaw in children and adults
 27. Non-gunshot monofocal fractures of the middle zone of the face in children and adults (zygomatic bone and arch, alveolar process of the upper jaw, etc.)
 28. Multiple (polyfocal) fractures of the bones of the middle zone of the face in children and adults
 29. Gunshot fractures of facial bones
 30. Gunshot injuries of the soft tissues of the maxillofacial region
 31. Non-gunshot injuries of soft tissues of the maxillofacial region
 32. Complications of gunshot and non-gunshot injuries of soft tissues and bones of the maxillofacial region
 33. Odontogenic tumors and tumor-like formations of the maxillofacial region:
 - o Adamantinoma
 - o Ameloblastic fibroma "soft odontoma"
 - o Odontoma
 - o Odontogenic fibroma
 - o Cementoma
 - o Epulises (fibrous, angiomatous)
 34. Osteogenic tumors of the maxillofacial region:
 - o Osteoma
 - o Osteoid-osteoma
 - o Osteoblastoclastoma (central, peripheral)
 - o Fibrous dysplasia
 - o Deforming ostosis
 - o Taratynov's disease
 35. Non-odontogenic, non-osteogenic tumors and tumor-like formations of the jaws:
 - o Myxoma
 - o Angioma
 - o Fibroma
 - o Cholesteatoma
 - o Chondroma
 - o Jaw cysts
 36. Benign tumors of the salivary glands:
 - o Monomorphic adenomas
 - o Pleomorphic adenoma

37. Tumors and tumor-like formations of soft tissues:

- o Papilloma
 - o Fibroma
 - o Lipoma
 - o Neurinoma and neurolemmoma
 - o Hemangiomas (capillary, cavernous, branched)
 - o Lymphangioma
38. Recklinghausen's disease (neurofibromatosis)
 39. Malignant tumors of the skin and red border of lips
 40. Malignant tumors of the oral mucosa
 41. Epithelial malignant tumors of the jaws
 42. Malignant tumors of the salivary glands
 43. Non-epithelial malignant tumors of the jaws
 44. Lymphosarcoma
 45. Acute periostitis of the jaw bones in children
 46. Chronic periostitis of the jaw bones in children
 47. Acute odontogenic osteomyelitis of the jaw bones in children
 48. Chronic osteomyelitis of the jaw bones in children
 49. Hematogenic osteomyelitis of newborns and children
 50. Acute lymphadenitis of the maxillofacial region in childhood
 51. Chronic lymphadenitis of the maxillofacial region in children
 52. Adenophlegmon of the maxillofacial region in children
 53. Non-ontogenic inflammatory diseases of the maxillofacial region in children
 54. Primary bone injuries and diseases of the temporomandibular joint (osteoarthritis, osteoarthrosis, bone ankylosis, neoarthrosis)
 55. Congenital malformations of the face. Congenital cleft of the upper lip and palate.
 56. Congenital cysts and fistulas of the face and neck. Dermoid and epidermoid cysts.
 57. Congenital pathology of the oral mucosa: low attachment of the upper lip frenulum, high attachment of the lower lip frenulum, short tongue frenulum, additional strands of the oral mucosa, shallow lower arch of the vestibule of the mouth.
 58. Indications for children for the removal of temporary and permanent teeth

Questions for the Maxillofacial Surgery exam 10th semester:

1. Etiology and pathogenesis, classification, methods of diagnosis of trigeminal neuritis.
2. Clinic, differential diagnosis, conservative treatment of trigeminal neuritis.
3. Etiology, pathogenesis, clinic, diagnosis, conservative treatment of neuralgia of the I branch of the trigeminal nerve.
4. Etiology, pathogenesis, clinic, diagnosis, conservative treatment of neuralgia of the II branch of the trigeminal nerve.
5. Etiology, pathogenesis, clinic, diagnosis, conservative treatment of neuralgia of the III branch of the trigeminal nerve.
6. Surgical methods of treatment of trigeminal neuralgia.
7. Neuritis of the facial nerve. Etiology, clinic, diagnosis, conservative treatment.
8. Surgical methods of treatment of paresis and paralysis of facial muscles in case of facial nerve damage.
9. Etiology, pathogenesis, classification of TMJ diseases.
10. Etiology, clinic, diagnosis, treatment of inflammatory diseases of the TMJ.
11. Etiology, clinic, diagnosis, treatment of dystrophic diseases of the TMJ.
12. Reduction of jaws. Differential diagnosis of ankylosis, trism, contracture.
13. Classification of defects and deformities of the maxillofacial region and neck.

14. Etiological factors of congenital and acquired defects of MFA.
15. Absolute and relative contraindications to reconstructive operations.
16. General and local contraindications to reconstructive operations.
17. Operational and technical principles of rehabilitation and reconstructive operations in MFA.
18. Basic principles of planning and timing of reconstructive surgical treatment in MFA.
19. Goals and objectives of reconstructive maxillofacial surgery.
20. Congenital and acquired deformities of the nose. Indications and contraindications for surgery. Types of transplants and implants. Methods of surgical treatment.
21. Congenital and acquired deformities of the zygomatic-orbital complex. Indications and contraindications for surgery. Types of transplants and implants. The technique of plastic surgery of the lower wall of the orbit.
22. Contour plastic. Indications. Types of transplants and implants. Methods of surgical treatment.
23. Bone grafting, cartilage transplantation. Indications. Types of transplants. Methods of surgical treatment.
24. Free skin plastic surgery. Indications. Types of grafts by thickness. Methods of surgical treatment.
25. Plastic with local tissues. Indications, contraindications. Table of elongation coefficients by Limberg.
26. Flaps on microvascular anastomosis. Indications. Types of flaps. Methods of surgical treatment.
27. Plastic nose on Khitrov. Indications. Methods of surgical treatment.
28. Flaps on the feeding leg. Indications. Types of flaps. Methods of surgical treatment.
29. Arterized flap. Indications. Types of flaps. Methods of surgical treatment.
30. Plastic Filatov stem. Indications. Types of round stem flap. Methods of formation.
31. Short frenulum of the tongue, lips. Etiology, classification, clinic, timing and methods of surgical treatment.
32. Congenital cleft palate. Etiology, classification, clinic, timing and methods of surgical treatment.
33. Congenital cleft of the upper lip. Etiology, classification, clinic, timing and methods of surgical treatment.
34. Microgenia. Etiology, clinic, diagnostics, surgical methods of treatment.
35. Macrognathia of the upper jaws. Etiology, clinic, diagnostics, surgical methods of treatment.
36. Micrognathia of the upper jaws. Etiology, clinic, diagnostics, surgical methods of treatment.
37. Macrognathia of the lower jaw. Etiology, clinic, diagnostics, surgical methods of treatment.
38. Micrognathia of the lower jaw. Etiology, clinic, diagnostics, surgical methods of treatment.
39. Principles of orthopedic treatment of patients with non-gunshot fractures of the upper jaw.
40. Principles of orthopedic treatment of patients with non-gunshot fractures of the lower jaw.
41. Principles of orthopedic treatment of patients with gunshot fractures of the jaws.
42. Classification of orthopedic devices used in maxillofacial orthopedics.
43. Types of dentoalveolar prostheses and devices used for jaw fractures.
44. Orthopedic stage of complex treatment of patients with oncological diseases. Types of devices used.

45. Clinical and laboratory stages of manufacturing dentoalveolar prostheses for the treatment of patients with oncological diseases.
46. Features of obtaining impressions in patients after resection of the upper jaw.
47. Features of orthopedic treatment of patients with congenital and acquired defects of the soft and hard palate.
48. Types of maxillary obturators with defects of the hard and soft palate.
49. Classification of maxillofacial and facial prostheses.
50. The technique of obtaining a face mask and casting a model of the face, impressions of the auricle, an impression of the intraocular space.
51. Features of hygienic care of the prosthesis and prosthetic field.
52. Principles, stages of rehabilitation, clinical and laboratory stages of manufacturing prostheses based on dental implants.
53. Comprehensive planning of orthopedic treatment of patients with surgical pathology using CAD/CAM technologies.
54. The peculiarity of the care of patients with defects of the maxillofacial region, hygienic care of prostheses, hygiene of the prosthetic field.
55. Functional disorders with injuries of the maxillofacial region.
56. Fundamentals of therapeutic gymnastics, fundamentals of mechanotherapy.
57. Complications of maxillofacial prosthetics.
58. The main bioadapted polymer materials used in the manufacture of facial prostheses.
59. Silicones of room temperature vulcanizing. Platinum- silicones, Pigment silicones.
60. Vankevich splint. Indications. Clinical and laboratory stages of manufacturing. Terms of use.
61. Port splint . Indications. Clinical and laboratory stages of manufacturing. Terms of use.
62. Weber splint . Indications. Clinical and laboratory stages of manufacturing. Terms of use.
63. Protective plates used in operations on the palate. Indications. Clinical and laboratory stages of manufacturing.
64. Protective plates used during operations on the alveolar process. Indications. Clinical and laboratory stages of manufacturing. Terms of use.
65. Tigerstedt splint. Indications. Clinical and laboratory stages of manufacturing. Terms of use.
66. The arch bar with hook loops. Indications. Clinical and laboratory stages of manufacturing. Terms of use.
67. Occlusal spacer. Indications. Clinical and laboratory stages of manufacturing. Terms of use.
68. Features of taking impressions in fractures of the jaws.
69. Features of taking impressions with defects of the jaws.
70. Forming devices. Indications. Clinical and laboratory stages of manufacturing. Terms of use.
71. Surgical template for dental implantation. Indications. Clinical and laboratory stages of manufacturing. The method of use.
72. Standard splints used for jaw fractures. Indications. Clinical and laboratory stages of manufacturing. Terms of use.

6.3. Suggested themes of term papers (projects)

Writing a medical history

6.4. Suggested themes of term projects

Course projects are not provided.

6.5. Suggested topics of calculation and graphic works

1. Phlegmons and abscesses of the submandibular area in children and adults.
2. Phlegmons and abscesses of the submental region in children and adults.
3. Phlegmons and abscesses of the peripharyngeal space in children and adults.
4. Phlegmons and abscesses of the pterygo-mandibular space in children and adults.
5. Phlegmons and abscesses of the poaramaxillary space in children and adults.
6. Phlegmons and abscesses of the lingva-mandibular groove and sublingual area in children and adults.
7. Phlegmons and abscesses of the body and root of the tongue in children and adults.
8. Phlegmons of the bottom of the oral cavity in children and adults.
9. Phlegmons and abscesses of the infraorbital region in children and adults.
10. Phlegmons and abscesses of the zygomatic area in children and adults.
11. Phlegmons and abscesses of the buccal region in children and adults.
12. Phlegmons and abscesses of the orbita in children and adults.
13. Phlegmons and abscesses of the temporal region in children and adults.
14. Phlegmons and abscesses of the subtemporal and pterygo-palatine fossas in children and adults.
15. Phlegmons and abscesses of the parotid-masticatory region in children and adults.
16. Phlegmons and abscesses of the submasseterial space in children and adults.
17. Purulent necrotic phlegmons of the face and neck in children and adults.
18. Acute mumps in children and adults.
19. Chronic parenchymal mumps in children and adults.
20. Chronic interstitial mumps in children and adults.
21. Salivary calculi (calculous sialoadenitis) in children and adults.
22. Sialoses (Mikulicz syndrome, Sjogren's syndrome)
23. Epidemic mumps.
24. Cysts of the salivary glands in children and adults.
25. Dental injuries in children and adults.
26. Dislocation of the TMJ in children and adults.
27. Non-gunshot fracture of the lower jaw in children and adults.
28. Non-gunshot localized fractures of the middle zone of the face in children and adults.
29. Multiple (polifocal) fractures of the bones of the middle zone of the face in children and adults.
30. Gunshot fractures of facial bones.
31. Gunshot injuries of the soft tissues of the maxillofacial region.
32. Non-gunshot injuries of soft tissues of the maxillofacial region in children and adults.
33. Complications of gunshot and nono-gunshot injuries of soft tissues and bones of the maxillofacial region.
34. Odontogenic tumors of the maxillofacial region in children and adults.
35. Osteogenic tumors of the maxillofacial region in children and adults.
36. Neodontogenic and neosteogenic tumors of the maxillofacial region in children and adults.
37. Benign tumors of the salivary glands.
38. Papilloma and papillomatosis of the maxillofacial region in children and adults.
39. Fibroma and fibromatosis of the maxillofacial region in children and adults.
40. Lipoma and lipomatosis of the maxillofacial region in children and adults.
41. Fibrous dysplasia.
42. Recklinghausen's disease (neurofibromatosis).
43. Malignant tumors of the skin and red border of the lips.

44. Malignant tumors of the oral mucosa.
 45. Epithelial malignant tumors of the jaws.
 46. Malignant tumors of the salivary glands.
 47. Non-epithelial malignant tumors of the jaws.
 48. Lymphosarcoma.
 49. Acute periodontitis in children.
 50. Chronic fibrous periodontitis in children.
 51. Chronic granulating periodontitis in children.
 52. Chronic granulomatous periodontitis in children.
 53. Acute periostitis in children.
 54. Chronic periostitis in children.
 55. Acute osteomyelitis in children.
 56. Chronic osteomyelitis in children.
 57. Hematogenous osteomyelitis in children.
 58. Acute lymphadenitis of the maxillofacial region in children.
 59. Chronic lymphadenitis of the maxillofacial region in children.
 60. Adenophlegmon of the maxillofacial region in children.
 61. Acute odontogenic sinusitis in children.
 62. Chronic odontogenic sinusitis in children.
 63. Neodontogenic inflammatory diseases in children.
 64. Specific inflammatory diseases in children.
 65. TMJ diseases in children.
 66. Congenital cleft of the maxillofacial region.
 67. Anomalies of soft tissue development.
 68. Malformations in the maxillofacial region (syndromes of the 1st, 2nd gill arches, Pierre-Robin, Franceschetti, Gellerman, etc.)

7. Educational, methodological, informational and software support of the discipline (module)

The electronic catalog and electronic information resources provided by the scientific library of the FSBEI of HE "I. N. Ulianov Chuvash State University" are available at the link <http://library.chuvsu.ru/>

7.1. Regulatory documents, standards and rules

1. Конституция Российской Федерации: [принята всенародным голосованием 12 декабря 1993 года]:[с учётом поправок от 30 декабря 2008 года, от 05 февраля 2014 года, от 21 июля 2014 года]. - URL: http://www.consultant.ru/document/cons_doc_LAW_28399/ (дата обращения: 29.08.2019). - Текст: электронный.

2. Государственная программа Российской Федерации «Развитие здравоохранения», утвержденная Постановлением Правительства РФ № 294 от 15.04.2014 г.- URL: http://www.consultant.ru/document/cons_doc_LAW_28399/ дата обращения: 29.08.2019). - Текст: электронный.

3. Об основах охраны здоровья граждан в Российской Федерации : Федеральный Закон от 21.11.2011 №323 - ФЗ : [Принят Государственной Думой 1 ноября 2011 года : Одобрен Советом Федерации 9 ноября 2011 года] : [редакция от 21 ноября 2011 года]. - URL: http://www.consultant.ru/document/cons_doc_LAW_121895/ дата обращения: 29.08.2019). - Текст: электронный.

4. Об обязательном медицинском страховании в Российской Федерации : Федеральный Закон от 29.11.2010 N 326-ФЗ: [Принят Государственной Думой 19 ноября 2010 года : Одобрен Советом Федерации 24 ноября 2010 года] : [редакция от 29 ноября 2010 года]. - URL:

http://www.consultant.ru/document/cons_doc_LAW_107289/ дата обращения: 29.08.2019). - Текст: электронный.

5. Об обращении лекарственных средств : Федеральный закон от 12 апреля 2010 г. N 61-ФЗ : [Принят Государственной Думой 24 марта 2010 года : Одобрен Советом Федерации 31 марта 2010 года] : [редакция от 12 апреля 2010 года]. - URL : http://www.consultant.ru/document/cons_doc_LAW_99350/ дата обращения: 29.08.2019. - Текст: электронный.

6. Об утверждении унифицированных форм медицинской документации, используемых в медицинских организациях, оказывающих медицинскую помощь в амбулаторных условиях, и порядков их заполнения : Приказ Минздрава России от 15.12.2014 N 834н (ред. от 09.01.2018) (Зарегистрировано в Минюсте России 20 февраля 2015 г. N 36160). - URL : http://www.consultant.ru/document/cons_doc_LAW_175963/ дата обращения: 29.08.2019. - Текст: электронный.

7. Приказ 786н от 31 июля 2020 года «Об утверждении Порядка оказания медицинской помощи взрослому населению при стоматологических заболеваниях»

8. Приказ № 806н от 4 августа 2020 года «О внесении изменений в сроки и этапы аккредитации специалистов, а также категории лиц, имеющих медицинское, фармацевтическое или иное образование и подлежащих аккредитации специалистов, утвержденные приказом Министерства здравоохранения РФ от 22 декабря 2017 г. № 1043н»

9. Приказ Минздрава № 890н от 24.08.2020 «О признании утратившим силу пункта 2 приказа Министерства здравоохранения Российской Федерации от 14 апреля 2020 г. № 327н «Об особенностях допуска физических лиц к осуществлению медицинской деятельности и (или) фармацевтической деятельности без сертификата специалиста или свидетельства об аккредитации специалиста и (или) по специальностям, не предусмотренным сертификатом специалиста или свидетельством об аккредитации специалиста»

10. Приказ № 984 от 12 августа 2020 г. «Об утверждении образовательного стандарта высшего образования - специалитет по специальности 31.05.03 Стоматология»

11. Приказ Минтруда № 337н от 15 июня 2020 года «Об утверждении профессионального стандарта «Врач - челюстно-лицевой хирург»

12. Постановление Главного государственного санитарного врача № 15 от 22 мая 2020 года Постановление «Об утверждении санитарно-эпидемиологических правил «Профилактика новой коронавирусной инфекции (COVID-19)»

7.2. Recommended basic educational and methodological literature

№ item	Name
1	

7.3. Recommended supplementary educational and methodological literature

№ item	Name
1	

7.4. List of resources of the "Internet" information and telecommunication network

№ item	Name	Link to the resource
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1	Единое окно к образовательным ресурсам	http://window.edu.ru
2	Российская государственная библиотека	http://www.rsl.ru
3	Российская национальная библиотека	http://www.nlr.ru
4	Научная электронная библиотека «Киберленинка»	http://cyberleninka.ru
5	Документы, регламентирующие стоматологическую деятельность	http://www.gspcheb.ru/speczialistam/dokumenty.html
6	Официальный сайт стоматологической ассоциации России	www.e-stomatology.ru/
7	Стоматологический портал	https://stomport.ru/
8	Стоматологический портал	http://www.stom.ru/
9	Журнал DentalClub	http://www.medical-cg.ru/dental_club/
10	Электронный журнал Кафедра	http://cathedra-mag.ru/
11	КОНСУЛЬТАНТ СТУДЕНТА Электронная библиотека медицинского вуза	http://www.studmedlib.ru/

7.5. Software, professional databases, information and reference systems, electronic educational resources and electronic library systems

Software, professional databases, information and reference systems provided by the Informatization Department of the FSBEI of HE "I.N. Ulianov Chuvash State University" are available for download at the link <http://ui.chuvsu.ru/>. The Unified Register of Russian programs for electronic computers and databases, including freely distributed ones, is available at the link reestr.minsvyaz.ru/reestr/.

7.5.1. Licensed and freely distributed software

Microsoft Windows operating System and/or Unix-like operating system and/or mobile operating system;

Office software packages:

Microsoft Office and/or LibreOffice
and (or) OpenOffice and (or) analogues;

Browsers, including Yandex.Browser.

List of software:

7.5.2. Lists of professional databases and (or) information reference systems and (or) electronic library systems and (or) electronic educational resources

8. Material and technical support of the discipline

Classrooms for lecture-type classes in the discipline are equipped with a teacher's automated workplace consisting of: a personal computer/laptop, multimedia equipment with a screen and (or) SMART interactive whiteboard/SMART TV.

The premises for students' independent work are equipped with computer equipment enabling to connect to the Internet and provide access to the electronic information and

educational environment of the FSBEI of HE "I.N. Ulianov Chuvash State University".

№ item	Lesson type	Brief description and characteristics of the composition of installations, measuring and diagnostic equipment, computer equipment and experimental automation tools
1		<p>Центр аккредитации и симуляционного обучения Оборудование: набор из двух фантомов: фантом катетеризации пузыря у мужчин и женщин. Фантом таза мужчины многофункциональный. Видеотренажер лапароскопический с набором для отработки навыков. Муляж ткани для прошивания красный. Муляж толстой кишки двуслойный. Набор муляжей тканей кожи (10 шт в уп.). Тренажер для отработки базовых хирургических навыков с аксессуарами. Фантом для отработки десмургии. Фантом для отработки процедуры катетеризации центральных вен. Фантом руки и ноги для отработки хирургического шва. Муляж ткани для отработки подкожного шва. Манекен для отработки навыков сердечно-легочной реанимации. Теле-ментор, высокотехнологичный передвижной аппаратно-программный комплекс для симуляционного обучения в медицине. Фантом для внутримышечных инъекций. Фантом руки для отработки внутривенных, внутримышечных и подкожных инъекций. Фантом руки для подкожных инъекций. ВиртуШОК, торс для СЛР, расширенная комплектация с ЭКГ и АНД. Торс для отработки навыков проведения СЛР и вентиляции, Кевин. Столы, стулья, кушетки, расходный материал (шприцы, симуляторы растворов, средства дезинфекции), ноутбуки с переговорными устройствами, встроенные столы, пеленальные столы, медицинские шкафы, учебные пособия и т. д.</p>

9. Means of adapting the discipline teaching to the needs of persons with physical conditions

If necessary, persons with physical conditions can be offered one of the following options for perceiving information, taking into account their individual psychophysical characteristics:

- 1) using e-learning and distance learning technologies.
- 2) using special equipment (enginery) and software in accordance with the students' health restrictions in the Training Centers for Persons with Disabilities and Physical Conditions (hereinafter referred to as special needs) available at the university.

In the course of training, if necessary, the following conditions are provided for persons with visual, hearing and musculoskeletal disorders:

- for persons with visual impairments: educational and methodological materials in printed form in enlarged font; in the form of an electronic document; in the form of an audio file (conversion of educational materials into audio format); in printed form in Braille; individual consultations involving a tactile interpreter; individual assignments and consultations.

- for people with hearing impairments: educational and methodological materials in printed form; in the form of an electronic document; video materials with subtitles; individual consultations involving a sign language interpreter; individual assignments and consultations.

- for persons with disorders of the musculoskeletal system: educational and methodological materials in printed form; in the form of an electronic document; in the form of an audio file; individual assignments and consultations.

10. Guidelines for students to perform independent work

The purpose of the student's independent work (IW) is to consolidate the theoretical knowledge gained and to acquire practical skills in using and performing research of algorithms and data structures when designing application software programs. IW includes independent study of educational issues, preparation for laboratory classes, performing calculation and graphic work, preparation for a test and an exam.

The list of questions and tasks for independent work to prepare for laboratory classes is given in the corresponding methodological instructive regulations in the description of each laboratory work.

The list of questions and tasks for independent work to carry out calculation and graphic work is given in the relevant methodological instructive regulations.

Methodological recommendations for the independent study of educational issues.

Topics submitted for independent study should be outlined. It is advisable to make a summary entirely on the topic. At the same time, it is always possible to supplement the compiled summary from journals, articles, new textbooks, brochures on the exchange of experience, data from the Internet and other sources. Thus, the summary becomes a collection of necessary materials, where the student introduces everything new that he has studied, learned. Such notes are of great value when preparing for classes.

11. Methodological instructive regulations for students studying the discipline (module)

Белкина Н.Ю., Корнилов А.Г., Смирнова А.В., Трубин В.В. Заболевания головы и шеи ISBN 978-5-7677-2790-2 УДК 617.51(075.8)+617.53(075.8) ББК Р457.1я73+Р467.2я73 3-12 Подписано в печать 05.12.2018 г. Заказ №1473 Тираж 300 экз. 2018 г.- 92 страниц

Жирнова Я.А., Трубина А.В., Федорова В.В., Корнилов А.Г., Смирнова А.В., Трубин В.В. Онкостоматология и лучевая терапия ISBN 978-5-7677-2776-6 УДК {616.31:616-006}615.849(075.8) ББК Р569.101.3-56я73 О-58 Подписано в печать 19.11.2018 г. Заказ №1396 Тираж 300 экз. 2018 г.- 64 страниц

Корнилов А.Г., Белкина Н.Ю., Михайлов Е.М., Смирнова А.В., Тимофеев Е.В., Трубин В.В. Детская челюстно-лицевая хирургия ISBN 978-5-7677-2804-6 УДК 616.716-053.2(075.8) ББК Р733.665.63я73 Д38 Подписано в печать 10.12.2018 г. Заказ №1394 Тираж 200 экз. 2018 г.- 96 страниц

Корнилов А.Г., Смирнова А.В., Соркина О.А., Рыжевский Д.В., Трубина А.В., Трубин В.В., Жирнова Я.А., Федорова В.В. Челюстно-лицевая хирургия и гнатическая хирургия ISBN 978-5-7677-2769-8 УДК 616.716(075.8)+617.3(075.8) ББК Р665.43я73+Р668.8я73 Ч-34 Подписано в печать 09.11.2018 г. Заказ №1248 Тираж 100 экз. 2018 г.- 76 страниц

11.1. Methodological instructive regulations for preparing for seminar-type classes

11.2. Methodological instructive regulations for preparing for an examination

11.3. Methodological instructive regulations for preparing for a test

11.4. Methodological instructive regulations for performing computational and graphical

11.5. Methodological instructive regulations for performing a control work

11.6. Methodological instructive regulations for performing a course work (project)

List of additions and changes

The name and details (if any) of the document attached to the Working Program of the discipline (module) containing the text of updates	Department's decision		Full name of department head:
	Date	Protocol №	