

**MINISTRY OF HEALTHCARE OF THE REPUBLIC OF BELARUS
EDUCATIONAL INSTITUTION
BELARUSIAN STATE MEDICAL UNIVERSITY**

APPROVED



by First Vice-Rector of the educational institution «Belarusian State Medical University»

I.N.Moroz

**THE STATE EXAMINATION PROGRAM
«ORAL AND MAXILLOFACIAL SURGERY»
in the specialty 1-79 01 07 «Dentistry»**

2021

The Program of the State Examination in «Prosthetic Dentistry» is developed on the basis of:

the higher education standard in the specialty 1-79 01 07 «Dentistry», approved and put into effect by the Resolution of the Ministry of Education of the Republic of Belarus, dated 30.08.2013 № 88;

the curriculum in the discipline «Oral and Maxillofacial surgery» in the specialty 1-79 01 07 «Dentistry», approved by 08.10.2018, registration # UD-L. 641/1819 / edu.

the standard curriculum in the discipline «Pediatric and Preventiv Dentistry» in the specialty 1-79 01 07 "Dentistry", approved by 23.06.2015, reg # УД-Л. 493/1516 / type;

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RECOMMENDED FOR APPROVAL:

by the Department of Maxillofacial Surgery, Educational Institution «Belarusian State Medical University»

(protocol № 6 of 18.03.2021);

by the Department of Surgical Dentistry, Educational Institution «Belarusian State Medical University»

(protocol № 6 of 18.03.2021);

By the Department of Pediatric Dentistry, Educational Institution «Belarusian State Medical University»

(protocol № 6 of 18.03.2021)

by the Council of the Faculty of Dentistry, Educational Institution «Belarusian State Medical University»

(protocol № 6 of 25.03.2021)

STATE EXAMINATION PROCEDURE

List of academic disciplines included in the state examination:

1. «Maxillofacial surgery and oral surgery»;
2. «Pediatric dentistry and preventive dentistry»
 - 2.1. Outpatient and hospital pediatric dentistry

State examination form and procedure

The state exam is carried out in three stages: testing (90 questions for 90 minutes, passing score - 60), practical skills (differential credit for industrial practices) and an oral interview.

The last stage is carried out in the form of an oral interview on tickets in accordance with the approved work schedule of the State Examination Commission. The student pulls out a ticket, prepares for 30 minutes, then answers to members of the State Examination Commission and members of subject commissions.

STRUCTURE OF THE EXAMINATION CARD

The ticket for an oral interview in the discipline «Oral and maxillofacial surgery» includes five theoretical questions, two of which are devoted to maxillofacial surgery and surgical dentistry in adults (propedeutics, dental surgery, inflammatory diseases, trauma), two - outpatient and hospital pediatric surgical dentistry and one - on issues of benign and malignant neoplasms.

CONTENT OF THE STATE EXAMINATION PROGRAM

LIST OF ISSUES FOR THE STATE EXAMINATION

MAINTENANCE OF A TRAINING MATERIAL

1. INTRODUCTION TO THE EDUCATIONAL DISCIPLINE «ORAL AND MAXILLOFACIAL SURGERY»

1.1. History of development and the organization of maxillofacial surgery and surgical dentistry in Republic of Belarus

History of development of surgical dentistry in Republic of Belarus. Scientists are founders of maxillofacial surgery and surgical dentistry in Republic of Belarus. Purposes and problems of surgical dentistry and maxillofacial surgery.

Structure and the organization of work of service of maxillofacial surgery and surgical dentistry in Republic of Belarus. Regular standards in service of maxillofacial surgery and surgical dentistry in Republic of Belarus. Functions of dentists-surgeons and maxillofacial surgeons.

1.2. Structure and equipment of department (office) of maxillofacial surgery

Structure of department (office) of maxillofacial surgery, equipment, regulations of work, registration and reporting documentation.

Filling of registration reporting documentation.

1.3. Preparation of hands of the dentist-surgeon and surgery field. Disinfection and sterilization of medical tools and dressing material

The sanitary and epidemiologic mode in departments and offices of maxillofacial surgery. Requirements to the room and stock in department of maxillofacial surgery and surgical dental office.

Processing of hands of the dentist-surgeon. Processing of surgery field. Preparation of tools, dressing material for sterilization. Disinfection, classification of disinfectants. Methods of sterilization and their modes.

1.4. Inspection of patients with surgical diseases of maxillofacial area and neck

Collecting complaints, anamnesis of life and anamnesis of disease of the patient. Inspection of maxillofacial area, neck and oral cavity of the patient. Clinical and paraclinic methods of inspection of patients with diseases of maxillofacial area and neck.

2. ANESTHESIA IN MAXILLOFACIAL SURGERY AND SURGICAL DENTISTRY

2.1. Types of local anesthesia. Local anesthetics in dentistry

Local anesthesia in maxillofacial surgery and surgical dentistry: types, anesthetics, tools for carrying out anesthesia. Indications and contraindications to carrying out local anesthesia.

The local anesthetics allowed for use in the territory of Republic of Belarus, their pharmacological characteristic. Tools for carrying out anesthesia, working off of skills on the simulyatsionny equipment.

2.2. Infiltration anesthesia in maxillofacial area

Types of infiltration anesthesia. Technology of carrying out infiltration anesthesia. Working off of skills of carrying out infiltration anesthesia on the simulyatsionny equipment.

Overseeing by carrying out infiltration anaesthesias in surgical dental office, studying of tables, slides.

2.3. Conduction (nerve block) anesthesia on mandible

Anatomo-topografichesky reference points when carrying out conduction (nerve block) anesthesia in the field of mandible. Separate techniques of carrying out conduction (nerve block) anesthesia in the field of mandible. Working off of skills of carrying out conduction (nerve block) anesthesia in the field of mandible on the simulyatsionny equipment.

Overseeing by carrying out conduction (nerve block) anesteziya in the field of mandible in surgical dental office, studying of tables, slides.

2.4. Conduction (nerve block) anesthesia on upper jaw

Anatomo-topografichesky reference points when carrying out conduction (nerve block) anesthesia in upper jaw. Separate techniques of carrying out conduction (nerve block) anesthesia in upper jaw. Working off of skills of carrying out conduction (nerve block) anesthesia in upper jaw on the simulyatsionny equipment.

Overseeing by carrying out conduction (nerve block) anesteziya in upper jaw in surgical dental office, studying of tables, slides.

2.5. Local complications of injection anesthesia in maxillofacial surgery

Types of local complications of injection anesthesia, development reason, clinical picture, treatment. Possible mistakes when performing injection anesthesia, prevention.

2.6. The general anesthesia in maxillofacial surgery. Potentialized anesthesia: neyroleptanalgeziya, ataralgeziya. Acupuncture analgesia, analgesia by means of inter skin electroneurostimulation

Indications and contraindications to performing the general anesthesia in maxillofacial surgery. Trachea intubation methods at patients with surgical diseases of maxillofacial area.

Pharmaceuticals, tool and hardware of the general anesthesia. Performing the general anesthesia in maxillofacial surgery in stationary and in out-patient clinics.

Indications, contraindications to carrying out potentialized anesthesia: neyroleptanalgeziya, ataralgeziya, carrying out techniques. Indications, contraindications to carrying out acupuncture analgesia, analgesia by means of inter skin electroneurostimulation, carrying out technique.

Studying of tables, slides, records of performing the general anesthesia in maxillofacial surgery in stationary and in out-patient clinics.

3. DENTAL SURGERY

3.1. Indications and contraindications to operation of extraction of the teeth

Indications to operation of extraction of the teeth: the general and local. Contraindications to operation of extraction of the teeth.

3.2. Tools and techniques of carrying out operations of extraction of the

teeth on upper jaw

Anatomic features of structure of upper jaw. Tools for carrying out operations of extraction of the teeth on upper jaw. Stages of operation of extraction of the teeth on upper jaw. Working off of skills of carrying out operation of extraction of the teeth on upper jaw on the simulyatsionny equipment.

Overseeing by the course of performance of operations of extraction of the teeth on upper jaw, studying of tables, slides.

3.3. Tools and techniques of carrying out operations of extraction of the teeth on mandible

Anatomic features of structure of mandible. Tools for carrying out operations of extraction of the teeth on mandible. Stages of operation of extraction of the teeth on mandible. Working off of skills of carrying out operation of extraction of the teeth on mandible on the simulyatsionny equipment.

Overseeing by the course of performance of operations of extraction of the teeth on mandible, studying of tables, slides.

3.4. Techniques of performance of operations of atypical and difficult extraction of the teeth on upper and lower jaws

Classification of spatial relationship of the third painters of mandible. Techniques of operations of atypical and difficult extraction of the teeth on upper and lower jaw. Tools necessary for carrying out operation of atypical and difficult extraction of the teeth.

Overseeing by the course of performance of operations of atypical and difficult extraction of the teeth on upper and lower jaws, studying of tables, slides.

3.5. The local complications arising during operation of extraction of the teeth

The reasons leading to complications during operation of extraction of the teeth. Prevention of complications. Rendering specialized medical care at the complications which have arisen during operation of extraction of the teeth.

Clinical analysis of thematic patients, studying of tables, slides.

3.6. The local complications arising after operation of extraction of the teeth

The reasons leading to complications after carrying out operation of extraction of the teeth. Prevention of complications. Rendering specialized medical care at the complications which have arisen after carrying out operation of extraction of the teeth.

Clinical analysis of thematic patients, studying of tables, slides.

3.7. Features of carrying out local anesthesia and operation of extraction of the teeth at patients with the general somatic diseases

Planning of operation of extraction of the teeth and the choice of anesthetic at patients with diseases of cardiovascular system, connecting fabric, liver, kidneys, nervous system, general diseases of blood. Prevention of complications. Features of carrying out anesthesia and operation of extraction of the teeth at pregnant women and nursing mothers.

Toxic reactions to local anesthetics: emergency medical service, prevention of complications.

Clinical analysis of thematic patients, studying of tables, slides.

3.8. The somatic complications arising on reception at the dentist.

Emergency medical service

The complications arising on reception at the dentist: hypertensive crisis, acute disorder of cerebral circulation, stenocardia attack, acute myocardial infarction, attack of bronchial asthma, comas at diabetes mellitus, convulsive syndrome. Clinical manifestations of medical emergencies. Emergency medical service at medical emergencies.

Clinical analysis of thematic patients, studying of tables, slides.

3.9. Medicinal acute anaphylaxis

Risk factors, clinical manifestations, diagnostics, differential diagnostics of medicinal acute anaphylaxis. Tactics of the dentist at development of acute anaphylaxis in the patient, emergency medical service.

4. ODONTOGENOUS INFLAMMATORY PROCESSES

4.1. Odontogenous infectious and inflammatory diseases of maxillofacial area

Problem of odontogenous infection in maxillofacial surgery and dentistry. Modern classification, etiology, pathogeny of odontogenous pyoinflammatory diseases of maxillofacial area. Ways of spread of infection in maxillofacial area.

4.2. Apical periodontitis

Classification, clinical displays of apical periodontitis. Features of clinical course of apical periodontitis on upper and lower jaw, diagnostic methods. Differential diagnostics of apical periodontitis, treatment.

Clinical analysis of thematic patients, Studying of results of beam methods of research, tables, slides.

4.3. Surgical methods of treatment of apical periodontitis

Surgical methods of treatment of apical periodontitis: classification of operative measures, indications, contraindications to surgical methods of treatment, complication and their prevention. Examination of temporary disability, medical examination of patients with apical periodontitis.

Clinical analysis of thematic patients. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.4. The complicated teething, retention, dystopia

The etiological factors leading to retention and dystopia of teeth. Classification of diseases of teething, clinical and radiodiagnosis, surgical treatment. Physiotherapy exercises, physical therapy and reflexotherapy as a part of complex treatment. Examination of temporary disability, medical examination of patients with teething diseases.

Clinical analysis of thematic patients. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.5. Periostites of jaws

Classification of periostites of jaws. Features of clinical current of periostitis on upper and lower jaws. Treatment of patients with periostites of jaws. Tactics of the dentist-surgeon concerning causal tooth. Stages of primary surgical treatment at periostites of jaws of various localization, drug treatment of patients. Physiotherapy

exercises, physical therapy and reflexotherapy as a part of complex treatment of periostites of jaws. Examination of temporary disability, medical examination of patients with periostitis of jaws.

Clinical analysis of thematic patients. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.6. Acute odontogenous osteomyelitis of jaws

Etiology, theories of development of acute odontogenous osteomyelitis of jaws, classification. Clinical picture of acute odontogenous osteomyelitis on the lower and upper jaws, diagnostics, treatment, prevention of complications. Examination of temporary disability, medical examination of patients with acute odontogenous osteomyelitis of jaws.

Clinical analysis of thematic patients. Beam methods of research, their analysis. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.7. Chronic odontogenous osteomyelitis of jaws

Features of clinical course of chronic odontogenous osteomyelitis on the lower and upper jaws. Diagnostics, modern beam methods of research of chronic odontogenous osteomyelitis of jaw. Chronic ossifying osteomyelitis of Garre. Surgical and drug treatment of patients with chronic odontogenous osteomyelites. Physiotherapy exercises, physical therapy and reflexotherapy as a part of complex treatment. Examination of temporary disability, medical examination of patients with chronic odontogenous osteomyelites of jaws.

Clinical analysis of thematic patients. Beam methods of research, their analysis. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.8. Odontogenous lymphadenitis of maxillofacial area

Topography of the lymphatic device of maxillofacial area. Clinical picture, diagnostics, differential diagnostics of odontogenous lymphadenitis of maxillofacial area, the indication to surgical treatment and its methods. Physiotherapy exercises, physical therapy and reflexotherapy as a part of complex treatment. Examination of temporary disability, medical examination of patients with odontogenous lymphadenitis of maxillofacial area.

Clinical analysis of thematic patients. Beam methods of research, their analysis. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.9. Differential diagnostics of infectious and inflammatory processes of maxillofacial area and neck (periodontitis, periostites, odontogenous osteomyelites of jaws, lymphadenitis)

The comparative characteristic of clinical manifestations, beam and laboratory methods of research at patients with periodontitis, periostites, odontogenous osteomyelites of jaws, lymphadenitis.

Clinical analysis of thematic patients. Beam methods of research, their analysis. Overseeing by the course of operative measures in surgical dental office, studying of tables, slides, the training videos.

4.10. Furuncles and carbuncles of maxillofacial area

Clinical picture, diagnostics, treatment of furuncles and carbuncles in maxillofacial area. Features of clinical course of furuncles and carbuncles in maxillofacial area, their complications and prevention. Complex treatment of patients with furuncles and carbuncles of maxillofacial area, examination of temporary disability, medical examination.

Clinical analysis of thematic patients. Overseeing by the course of performing topical surgical treatment in out-patient clinics, studying of tables, slides, the training videos.

4.11. Severe complications of infectious and inflammatory processes of maxillofacial area and neck (phlebitis of facial veins, cavernous sinus thrombosis)

Etiology, pathogeny, ways of distribution, clinical picture, special diagnostic methods, planning of anesthesiology grant and surgical treatment of complications of infectious and inflammatory processes of maxillofacial area and neck. Surgical and drug treatment of patients with phlebitis of facial veins, thrombosis of cavernous sine. Examination of temporary disability, medical examination of patients with complications of infectious and inflammatory processes of maxillofacial area and neck.

Clinical analysis of thematic patients. Beam and laboratory methods of research, their analysis. Training by definition of organizational and tactical decisions concerning patients with phlebitis of facial veins, thrombosis of cavernous sine. Studying of tables, slides, the training videos.

4.12. Severe complications of infectious and inflammatory processes of maxillofacial area and neck (anaerobic infection, odontogenous mediastinitis)

Anaerobic infection, mediastinitis: etiology, pathogeny, ways of spread of infection, clinical picture, special diagnostic methods, planning of anesthesiology grant and surgical treatment. Surgical and drug treatment of patients with anaerobic infection of maxillofacial area and neck, odontogenous mediastinitis. Examination of temporary disability, medical examination of patients with severe complications of infectious and inflammatory processes of maxillofacial area and neck.

Clinical analysis of thematic patients. Beam and laboratory methods of research, their analysis. Training by definition of organizational and tactical decisions concerning patients with anaerobic infection of maxillofacial area and neck, odontogenous mediastinitis. Studying of tables, slides, the training videos.

4.13. Severe complications of infectious and inflammatory processes of maxillofacial area and necks (sepsis). Forecasting of course of infectious and inflammatory processes in maxillofacial area

Etiology, pathogeny, clinical picture, diagnostics of sepsis. System inflammatory answer, criteria. Definition of tactics of treatment of patients with sepsis. The characteristic of the modern indexes applied in surgical dentistry and maxillofacial surgery to forecasting of course of infectious and inflammatory processes. Complex treatment of patients with sepsis. Prevention of sepsis. Examination of temporary disability, medical examination of patients with sepsis.

Clinical analysis of thematic patients. Beam and laboratory methods of research, their analysis. Training by definition of organizational and tactical decisions

concerning patients with odontogenous sepsis. Studying of tables, slides, the training videos.

4.14. Modern principles of treatment of purulent wounds of maxillofacial area and neck. Medical rehabilitation of patients with infectious and inflammatory processes of maxillofacial area in out-patient clinics

The principles of carrying out primary surgical treatment in maxillofacial area and neck. Topical treatment of infectious and inflammatory processes depending on current phase. Types of drainage of wounds. Terms of imposing of secondary early and late seams. Modern principles of medicamentous therapy of infectious and inflammatory processes of maxillofacial area. The antibacterial, disintoxication, desensibilizing, immunokorregiruyushchy, fortifying, symptomatic treatment. Philosophy of use of medical rehabilitation as a part of complex treatment at patients with infectious and inflammatory processes of maxillofacial area and neck.

Clinical analysis of thematic patients. Overseeing by the course of topical surgical treatment in out-patient clinics. Beam and laboratory methods of research, their analysis. Studying of tables, slides, the training videos.

5. SPECIFIC INFLAMMATORY PROCESSES OF MAXILLOFACIAL AREA

5.1. Actinomycosis of maxillofacial area

Clinical picture, diagnostics, differential diagnostics, methods of laboratory and immunological diagnostics, complex treatment, prevention of actinomycosis of maxillofacial area. Examination of temporary disability, medical examination of patients with actinomycosis of maxillofacial area.

Clinical analysis of thematic patients. Beam methods of research, their analysis. Additional laboratory methods of research, their analysis. Studying of tables, slides, the training videos.

5.2. Syphilis, tuberculosis, HIV infection in maxillofacial area

Clinical displays, current stages, methods of laboratory and immunological diagnostics of syphilis, tuberculosis, HIV infection in maxillofacial area. Structure of delivery of health care to patients with syphilis, tuberculosis, HIV infection. Prevention of syphilis, tuberculosis, HIV infection. Examination of temporary disability, medical examination of patients with syphilis, tuberculosis, HIV infection in maxillofacial area.

Clinical analysis of thematic patients. Beam methods of research, their analysis. Additional laboratory methods of research, their analysis. Studying of tables, slides, the training videos.

6. MAXILLARY SINUSES DISEASES

6.1. Oodontogenous sinusitis of maxillary sinus

Etiology, pathogeny, classification, clinical picture, diagnostics, differential diagnostics of sinusitis of maxillary sinus. Treatment of patients with sinusitis in out-patient and steady-state conditions. Prevention of sinusitis. Examination of temporary disability, medical examination of patients with sinusitis.

Clinical analysis of thematic patients. Overseeing by the course of operative measures in surgical dental office. Beam methods of research, their analysis. Additional laboratory methods of research, their analysis. Studying of tables, slides, the training videos.

6.2. Perforation and fistulas of maxillary sinus

Reasons of development of perforation and fistulas of maxillary sinus. Clinical picture, diagnostics, surgical tactics at perforation and fistulas of maxillary sinus. Prevention of perforation and fistulas of maxillary sinus. Examination of temporary disability, medical examination of patients with perforation and fistulas of maxillary sinus.

Clinical analysis of thematic patients. Overseeing by the course of operative measures in surgical dental office. Beam methods of research, their analysis. Additional laboratory methods of research, their analysis. Studying of tables, slides, the training videos.

7. PHLEGMONS AND ABSCESES OF MAXILLOFACIAL AREA

7.1. Superficial phlegmons and abscesses of near jaws tissue of mandible

Topography of spaces of near jaws tissue of mandible. Features of clinical manifestations, diagnostics, complex treatment, prevention of abscess of maxillary and lingual fillet, abscess and phlegmon of submental, submandibular, parotid and chewing and zachelyustny areas, subchewing space. Examination of temporary disability, medical examination of patients with superficial phlegmons and abscesses of near jaws tissue of mandible.

Carrying out clinical inspection of patients with suspicion on existence of phlegmon (abscess) of near jaws tissue of mandible. Clinical analysis of patients. Studying of tables, slides on topography of cellular spaces of near jaws tissue of mandible. Interpretation of these beam and laboratory methods of research.

7.2. Deep phlegmons and abscesses of near jaws tissue of mandible

Features of clinical manifestations, diagnostics, complex treatment, prevention by abscess and phlegmon peripharyngeal, alate and mandibular, mouth floor. Examination of temporary disability, medical examination of patients with deep phlegmons and abscesses of near jaws tissue of mandible.

Bypass in department of maxillofacial surgery (purulent) with survey of thematic patients. Identification of features of clinical manifestations, diagnostics, complex treatment of patients with abscess and phlegmon peripharyngeal, alate and mandibular, mouth floor. Interpretation of these beam and laboratory methods of research. Possible complications and their treatment.

7.3. Superficial phlegmons and abscesses of near jaws tissues of upper jaw

Topography of cellular spaces of near jaws tissues of upper jaw. Features of clinical manifestations, diagnostics, complex treatment, prevention of abscess (phlegmon) of temporal, infraorbital and buccal areas. Examination of temporary disability, medical examination of patients with superficial phlegmons and abscesses of near jaws tissues of upper jaw.

Carrying out clinical inspection of patients with suspicion on existence of phlegmon (abscess) of near jaws tissues of upper jaw. Clinical analysis of patients. Identification of features of clinical manifestations, diagnostics, complex treatment of patients with abscess (phlegmon) of temporal, infraorbital and buccal areas. Interpretation of these beam and laboratory methods of research. Overseeing by the course of diagnostic testings and operative measures in the operating room.

7.4. Deep phlegmons and abscesses of near jaws tissues of upper jaw

Features of clinical manifestations, diagnostics, complex treatment, prevention of abscess and phlegmon of pterygopalatine and infratemporal poles, orbits. Examination of temporary disability, medical examination of patients with deep phlegmons and abscesses of near jaws tissues of upper jaw.

Bypass in department of maxillofacial surgery (purulent) with survey of thematic patients. Identification of features of clinical manifestations, diagnostics, complex treatment of patients with abscess (phlegmon) of pterygopalatine and infratemporal poles, orbits. Interpretation of these beam and laboratory methods of research. Overseeing by the course of diagnostic testings and operative measures in the operating room. Performing bandagings of patients with pyoinflammatory process of maxillofacial area. Demonstration of the multimedia presentations.

7.5. Treatment of patients with abscesses and phlegmons of maxillofacial area and neck. Infections associated with the provision of medical care

Anesthesiology grant, quick accesses, Indications to use of different types of drainages, philosophy of treatment: complex antiinflammatory treatment of abscesses and phlegmons of maxillofacial area and neck. Infections associated with the provision of medical care. Medical rehabilitation of patients with abscesses and phlegmons of maxillofacial area in out-patient and steady-state conditions, examination of temporary disability, medical examination.

Overseeing by the course of diagnostic testings and operative measures in the operating room taking into account features of anesthesiology grant of thematic patients. Studying of tables, slides with explanation of quick accesses.

8. DISEASES OF SIALADENS

8.1. Inflammatory diseases of sialadens

Etiology, pathogeny, classification, clinical picture, diagnostics, differential diagnostics, treatment of acute and chronic sialadenites. Prevention of inflammatory diseases of sialadens and possible complications. Examination of temporary disability, medical examination of patients with inflammatory diseases of sialadens.

Carrying out clinical inspection of patients with inflammatory diseases of sialadens. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam and laboratory methods of research. Mastering skills of inspection of big sialadens (assessment of the condition of nipples of output channels, character separated from channels).

8.2. Dystrophic diseases of sialadens

Etiology, pathogeny, classification of sialoses. Disease and Shegren's syndrome. Clinical manifestations, diagnostics, complex treatment and prevention of sialoses. Structure of rendering specialized medical care to patients with dystrophic diseases of sialadens. Examination of temporary disability, medical examination of patients with dystrophic diseases of sialadens.

Carrying out clinical inspection of patients with dystrophic diseases of sialadens. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam and laboratory methods of research. Individual approach taking into account need of attraction to inspection of rheumatologists, endocrinologists, ophthalmologists. Mastering skills of inspection of sialadens

(character separated from channels, stimulation of secretory activity by means of massage).

8.3. Sialolithic disease

Etiology, theories of pathogeny, clinical picture, diagnostics, complex treatment and prevention of sialolithic disease. Surgical tactics depending on location of sialolith, at exacerbation of sialolithic disease. Examination of temporary disability, medical examination of patients with sialolithic disease.

Carrying out clinical inspection of patients with with sialolithic disease. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam methods of research. Overseeing by the course of operative measures in the oral surgeon office, performing bandagings of the patient with sialolithic disease. Possible postoperative complications and their treatment. Mastering skills of inspection of sialadens (sounding and bougieurage of salivary channels).

9. DISEASES OF TEMPOROMANDIBULAR JOINT (TMJ)

9.1. Arthritises of temporomandibular joint (TMJ)

Classification, etiology, pathogeny, clinical picture, diagnostics of arthritises of temporomandibular joint (TMJ)(VNChS). Planning of complex treatment of patients with VNChS arthritises together with doctors of other specialties, prevention of disease. Examination of temporary disability, medical examination of patients with VNChS arthritises.

Carrying out clinical inspection of patients with VNChS arthritises. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam methods of research.

9.2. Arthroses of temporomandibular joint (TMJ)

Clinical manifestations and diagnostics of arthroses of VNChS. Carrying out clinical inspection of patients with VNChS arthroses. Planning of complex treatment of patients with VNChS arthroses together with doctors of other specialties, prevention of disease. Examination of temporary disability, medical examination of patients with VNChS arthroses.

Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam methods of research.

9.3. Ankiuloza of temporomandibular joint (TMJ)

Clinical manifestations and diagnostics of ankiuloz of VNChS. Planning of complex treatment of patients from VNChS ankiuloza together with doctors of other specialties, prevention of disease. Examination of temporary disability, medical examination of patients from VNChS ankiuloza.

Overseeing by the course of diagnostic testings. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam methods of research.

9.4. Pain syndrome of dysfunction, internal disturbances of temporomandibular joint (TMJ)

Clinical picture of muscular and joint dysfunction, dislocations of jaw and intra joint disk. Diagnostics, planning of treatment of patients with pain syndrome of dysfunction, internal disturbances of VNChS together with therapists and dentists-

orthopedists, prevention of disease. Examination of temporary disability, medical examination of patients with pain syndrome of dysfunction, internal disturbances of VNChS.

Clinical analysis of patients. Overseeing by the course of diagnostic testings. Demonstration of the multimedia presentations. Interpretation of these beam methods of research.

10. DAMAGES OF FACIAL NERVES

10.1. Neuralgia of trigeminal nerve

Etiology, theories of pathogeny, mechanism of forming of pain, clinical picture, diagnostics of neuralgia of trigeminal nerve. Studying of the principles of conservative and surgical methods of treatment, terms and indications to surgical methods of treatment of diseases of trifacial, prevention of disease. Examination of temporary disability, medical examination of patients with neuralgia of trigeminal nerve.

Carrying out clinical inspection of patients with neuralgia of trigeminal nerve. Clinical analysis of patients. Overseeing by the course of diagnostic testings. Studying of thematic tables, slides.

10.2. Neuropathy of trigeminal nerve

Etiology, pathogeny, diagnostics of neuropathies of trifacial. Studying of the principles of conservative and surgical methods of treatment of diseases of trifacial (nerve decompression at traumatic prelum foreign body, bone fragment), prevention of disease. Examination of temporary disability, medical examination of patients with neuropathy of trigeminal nerve.

Carrying out inspection of patients with trifacial neuropathy. Clinical analysis of patients. Overseeing by the course of diagnostic testings. Demonstration of the multimedia presentations.

10.3. Neuritis and neuropathies of facial nerve

Etiology, pathogeny, diagnostics of defeats of facial nerve. Examination of temporary disability, medical examination of patients with defeats of facial nerve. Conservative methods of treatment, surgical methods of treatment of diseases of facial nerve, prevention of disease.

Clinical analysis of patients. Overseeing by the course of diagnostic testings. Demonstration of the multimedia presentations. Individual approach taking into account disease etiology.

11. SURGICAL METHODS OF TREATMENT OF DISEASES OF THE MARGINAL PERIODONTIUM

11.1. Gingival surgery

Scheduling of treatment of the patient with disease of marginal periodontium together with dentists-therapists and dentists-orthopedists. Identification of features of clinical manifestations, diagnostics, complex treatment of patients with diseases of marginal periodontium. Preoperative training of patients, choice of method of surgical treatment. Operations within the free and attached gingiva (the curettage which is (opened/closed), gingivotomiya, · gingivectomy (simple, radical)): indications, surgical techniques, postoperative maintaining patient.

Performing comprehensive examination of patients with the ulites and

marginal periodontiums demanding surgical treatment. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam methods of research. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office.

11.2. Mucogingival surgery

Scheduling of treatment of the patient together with dentists-therapists and dentists-orthopedists. Preoperative training of the patient, choice of method of surgical treatment. Operations within the free, attached gingiva and mucous membrane of alveolar shoot (frenulotomiya, plastics of short bridle of lips and language, vestibuloplastik, · closing of the isolated recessions of gingiva): indications, surgical techniques, postoperative maintaining patient.

Performing comprehensive examination of the patients with disease of marginal periodontium called by pathology of bridles of lips, oral cavity thresholds. Clinical analysis of patients. Demonstration of the multimedia presentations. Interpretation of these beam methods of research. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office.

11.3. OsteomukonGingival surgery

Scheduling of treatment of the patient with disease of marginal periodontium together with dentists-therapists and dentists-orthopedists. Preoperative training of patients with diseases of marginal periodontium, the choice of method of surgical treatment. Gum, alveolar mucous membrane operations and on bone tissue of alveolar shoot · (scrappy operations on Widman; · scrappy operations on Neumann; · the modified scrappy operations on Kirkland, Ramfiord, Nissle; · operations of apical shift of rag): indications, surgical techniques, postoperative maintaining patient. The directed angenesis. Osteoinductive materials.

Clinical analysis of patients. Interpretation of these beam methods of research. Demonstration of the multimedia presentations. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office.

12. TRAUMATOLOGY OF MAXILLOFACIAL AREA

12.1. Damages of soft tissues of maxillofacial area and neck

Classification of injuries of soft tissues of maxillofacial area and neck. Determination of the true sizes of wound. Identification of features of clinical manifestations and diagnostics of wounds of big sialadens and their main output channels. Diagnostics of injuries of nerves of the person. Diagnostics of the getting wounds of maxillofacial area and neck.

Performing comprehensive examination of patients with damages of soft tissues of maxillofacial area and neck. Clinical analysis of patients. Studying of tables, slides on topical diagnostics of bleedings from soft tissues of maxillofacial area and neck. Development of skills of fixing of bintovy bandages of maxillofacial area and neck.

12.2. Surgical treatment of injuries of soft tissues of maxillofacial area and neck. Tetanus prevention, rabies prevention

Stages of surgical treatment of wounds of soft tissues of maxillofacial area and neck, stop of bleeding, feature of processing of wounds in the field of the natural foramens and wounds getting into oral cavity. Features of drainage and choice of

suture material, suture methods. Tetanus prevention, rabies prevention.

Studying of tools for carrying out surgical treatment of wounds of soft tissues of maxillofacial area and neck. Clinical analysis of patients. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

12.3. Luxations and fractures of teeth. Fractures of alveolar bone of jaws

Classification of traumatic injuries of teeth. Diagnostics and surgical tactics at incomplete and complete dislocation of tooth. Carrying out operation of fixing of teeth (at complete and incomplete dislocation, replantation of tooth), bandagings of the patient with traumatic damages of maxillofacial area. Indications and terms of endodontichesky treatment at complete and incomplete dislocation of tooth. Clinical picture, diagnostics, methods of orthopedic and surgical treatment of Fractures of alveolar bone of jaws, immobilization terms, postoperative maintaining patient. Performing comprehensive examination of patients with traumatic injuries of teeth and alveolar shoot.

Clinical analysis of patients. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Interpretation of these beam methods of research. Demonstration of the multimedia presentations.

12.4. Fractures of lower jaw (mandible)

Classification of changes of mandible. The mechanism of shift of bone fragments at mandible change. Fractures of lower jaw (mandible) within dentition. The closed Fractures of lower jaw (mandible) (branches, condylar and coronal shoot).

Performing comprehensive examination of patients with Fractures of lower jaw (mandible). Interpretation of these beam methods of research. Bypass in department of maxillofacial surgery with survey of thematic patients. Identification of features of clinical manifestations and diagnostics of patients with Fractures of lower jaw (mandible).

12.5. Treatment of fractures of lower jaw (mandible)

Types of temporary immobilization, orthopedic methods of treatment of fractures of lower jaw (mandible), types of tires, indications to osteosynthesis, osteosynthesis techniques, drug treatment.

Bypass in department of maxillofacial surgery. Clinical analysis of patients. Overseeing by the course of diagnostic testings and operative measures in the operating room. Development of skills of immobilization (time – alloyed binding of teeth according to Ivy), orthopedic methods of treatment of fractures of lower jaw (mandible) (production of the individual wire tire Tigirshteda (the smooth tire bracket, with steam-softening bend) and its fixing on jaws). Studying of types of tires, Rudko and Chudakov's devices. Studying of tools and stages for carrying out operation of chrezochagovy osteosynthesis of jaw wire seam, the system of miniplates. Optimum terms of operational treatment. Indications to osteosynthesis, carrying out techniques, possible complications, postoperative maintaining the patient. Development of skills of bandaging of patients with Fractures of lower jaw (mandible), drug treatment.

12.6. Fractures of upper jaw

Classification of fractures of upper jaw. The mechanism of shift of bone

fragments at fractures of upper jaw. Clinical picture, diagnostics of fracture of upper jaw.

Bypass in department of maxillofacial surgery with survey of thematic patients. Performing comprehensive examination of patients with fractures of upper jaw. Interpretation of these beam methods of research. Identification of features of clinical manifestations and diagnostics of patients with fractures of upper jaw.

12.7. Treatment of fractures of upper jaw

Types of temporary immobilization, orthopedic methods of treatment of fractures of upper jaw, the indication to osteosynthesis, osteosynthesis techniques, drug treatment.

Bypass in department of maxillofacial surgery. Clinical analysis of patients. Overseeing by the course of diagnostic testings and operative measures in the operating room. Development of skills of immobilization the device Zbarzha (on the phantom). Studying of tools and stages for carrying out operation of chrezochagovy osteosynthesis of upper jaw wire seam, the system of miniplates. Indications to osteosynthesis, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining the patient, drug treatment. Development of skills of bandaging of patients with fractures of upper jaw.

12.8. Fractures of zygomatic bones, zygomatic arch and nasal bones

Classification, clinical picture, diagnostics of Fractures of zygomatic bones, zygomatic arch and nasal bones, skuloorbitalny complex. Surgical and nonsurgical methods of treatment of patients with changes of zygoma and bone, nose bones.

Studying of tools and stages of carrying out reposition of malar, arch and bones of nose, skuloorbitalny complex: optimum terms of operational treatment, possible complications, postoperative maintaining patient, drug treatment.

Bypass in department of maxillofacial surgery. Clinical analysis of thematic patients. Interpretation of these beam methods of research. Overseeing by the course of diagnostic testings and operative measures in the operating room.

12.9. The concomitant and combined injury of maxillofacial area. Multiinjury

Medical and diagnostic tactics at the combined and combined damages of maxillofacial area, polyinjuries. Diagnostics of the hidden liquorrhea. Rendering primary and specialized medical care together with doctors of other specialties at the combined and combined injuries and polyinjuries. Optimum terms of operational treatment.

Bypass in department of maxillofacial surgery. Clinical analysis of thematic patients. Interpretation of these beam methods of research. Overseeing by the course of diagnostic testings and operative measures in the operating room.

12.10. General complications of injuries of maxillofacial area

Traumatic, hemorrhagic shock, asphyxia. Transportation of victims. Delivery of health care to patients with the general complications of injuries of maxillofacial area in the organizations of health care of different level: emergency station, regional hospital, city and regional hospitals.

Bypass in department of maxillofacial surgery and intensive care unit. Clinical analysis of thematic patients. Studying of tables of change of hemodynamics on

shock phases.

12.11. Local complications of injuries of maxillofacial area

Suppuration of bone wound, chronic traumatic osteomyelitis, the slowed-down consolidation, forming of nearthrosis, muscular contractures and ankiloza of VNChS. Clinical picture, diagnostics, surgical treatment of local complications of injuries of maxillofacial area: indications, contraindications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient. Physiotherapy exercises, physical therapy as a part of complex treatment of patients with local complications of injuries of maxillofacial area.

Bypass in departments of maxillofacial surgery. Clinical analysis of patients with suppuration of the bone wound, chronic traumatic osteomyelitis which is slowed down by consolidation, forming of nearthrosis, muscular contractures and ankiloza of VNChS. Interpretation of these beam methods of research. Overseeing by the course of diagnostic testings and operative measures in the operating room.

12.12. Medical rehabilitation of patients with fractures of facial bones

Immobilization terms at different types of fractures of bones of front department of skull. Definition of clinical signs of consolidation of bone fragments. Terms of carrying out control roentgenography. Physiotherapeutic treatment, physiotherapy exercises at fractures of bones of front department of skull: methods, indications, carrying out terms.

Clinical analysis of patients with fractures of bones of front department of skull. Interpretation of these beam methods of research.

12.13. Burns and frostbites of the face

Classification of Burns and frostbites of the face and mucous membrane of oral cavity, determination of the area of defeat. Rendering primary and specialized medical care to patients with Burns and frostbites of the face. Transportation of victims. Surgical treatment of patients with Burns and frostbites of the face: indications, contraindications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of thematic patients. Studying of tables of change of hemodynamics on phases of burn shock. Development of skills of bandaging of patients Burns and frostbites of the face.

13. ONCOLOGY OF MAXILLOFACIAL AREA AND NECK

13.1. The organization of oncological medical care in Republic of Belarus. Inspection of patients with neoplasms of maxillofacial area and neck

Structure and equipment of the oncological organizations of health care. Order of the direction of patients with neoplasms of maxillofacial area on inspection and treatment, documentation. Studying of thematic tables, slides. Verification of oncological disease: types of biopsies, intake of biological material for cytologic research. Inspection of patients with neoplasms of maxillofacial area.

Clinical analysis of thematic patients. Mastering skills of inspection of lymphatic system of maxillofacial area and neck, carrying out intake of biological material on cytologic research by smear print, scraping, washout, carrying out puncture biopsy.

13.2. Medical examination of patients with neoplasms of maxillofacial

area. The dental treatment to patients with oncological diseases

Medical examination of patients with neoplasms of maxillofacial area. Groups of dispensary observation of patients. The dental treatment to patients with oncological diseases before, in time and after passing of radiation therapy and/or himiolecheniye.

Clinical analysis of thematic patients. Development of skills of palpation of lymph nodes of neck, carrying out intake of biological material on histologic research by intszionny and ekstsizionny biopsy. Demonstration of the multimedia presentations.

13.3. Precancerous diseases of maxillofacial area

The factors contributing to the development of precancerous diseases of maxillofacial area. Classification, clinical picture, diagnostics, treatment of precancerous diseases of maxillofacial area. Surgical treatment of precancerous diseases of maxillofacial area: indications, contraindications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of patients with precancerous diseases of maxillofacial area. Interpretation of these beam and morphological diagnostic methods. Studying of thematic tables, slides. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office.

13.4. Malignant neoplasms of skin

Etiology, classification, clinical picture of malignant neoplasms of skin. Diagnostics, differential diagnostics, ways of innidiation of carcinoma cutaneum, melanoma. The combined, complex and combined treatment, medical rehabilitation of patients with malignant neoplasms of skin.

Bypass in oncological department with survey of thematic patients. Overseeing by the course of diagnostic testings and operative measures in the operating room and dressing room. Demonstration of the multimedia presentations.

13.5. Malignant neoplasms of mucous membrane of oral cavity and lip

Etiology, classification, clinical picture, diagnostics, differential diagnostics, ways of innidiation, the combined, complex and combined treatment of malignant neoplasms of oral cavity and lip. Surgical treatment of malignant neoplasms of mucous membrane of oral cavity and lip: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient. Medical rehabilitation of patients with malignant neoplasms of mucous membrane of oral cavity and lip.

Clinical analysis of patients with malignant neoplasms of mucous membrane of oral cavity and lip. Overseeing by the course of diagnostic testings and operative measures in the operating room and dressing room.

13.6. Malignant neoplasms of facial bones

Etiology, classification, clinical picture, diagnostics, differential diagnostics, ways of innidiation of cancer and sarcoma of bones of front department of skull. The combined, complex and combined treatment of Malignant neoplasms of facial bones. Medical rehabilitation of patients with Malignant neoplasms of facial bones.

Clinical analysis of patients with Malignant neoplasms of facial bones.

Interpretation of these beam and morphological diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room and dressing room. Studying of thematic tables, slides, multimedia presentations.

13.7. Modern principles of treatment of malignant neoplasms of maxillofacial area

The radical, palliative, symptomatic, combined, complex, combined treatment of neoplasms of maxillofacial area. Principles and methods of radiation therapy, surgical treatment, chemotherapy. Clinical protocols of treatment of malignant neoplasms.

Clinical analysis of patients with malignant neoplasms of maxillofacial area. Interpretation of these beam and morphological diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room and dressing room. Studying of thematic tables, slides.

13.8. Metastasis of malignant neoplasms of maxillofacial area. Operations on the regional lymphatic nodes

Distribution and levels of lymphogenous regional innidiation of neoplasms of maxillofacial area, clinical picture, diagnostics. Operations on the lymphatic device (cervical limfodissektion, radical cervical limfodissektion, the selection cervical limfodissektion): indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of patients with malignant neoplasms of maxillofacial area. Interpretation of these beam and morphological diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room and dressing room. Demonstration of the multimedia presentations.

13.9. Tumor like diseases of bones of front department of skull

Classification, etiology, theories of pathogeny of tumor like diseases of bones of front department of skull. Clinical picture, diagnostics, surgical treatment, medical tactics at jaw empyema of cyst. Preoperative training of the patient with odontogenous cyst of jaw. Criteria of preservation causal and teeth, adjacent to cyst.

Clinical analysis of patients with tumor like diseases of bones of front department of skull. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

13.10. High-quality neoplasms and tumor like diseases of soft tissues of maxillofacial area

Classification, clinical picture, diagnostics, surgical methods of treatment of papilloma and papillomatosis, fibroma, lipoma, neurofibroma, atheroma, retentsionny cyst of small sialaden, pigmental educations of the person, epulis of alveolar shoot. High-quality cystous neoplasms of neck: dermoid and epidermoid cysts, median and side fistulas and cysts. Differential diagnostics with hemodektomy, aneurysm of carotid artery, Hodgkin's lymphoma, branchyogenic cancer, specific and nonspecific lymphadenitis. Surgical methods of treatment of high-quality neoplasms of neck: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of patients with high-quality neoplasms and tumor like

diseases of soft tissues of maxillofacial area. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room.

13.11. Odontogenous benign neoplasms of jaws

Classification, clinical picture, diagnostics, methods of surgical treatment of ameloblastoma, odontoma, cementoma, odontogenous fibroma: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient. Postoperative medical rehabilitation of patients with Odontogenous benign neoplasms of jaws.

Bypass in department of maxillofacial surgery. Clinical analysis of patients with odontogenous neoplasms of jawbones. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room.

13.12. Osteogene benign neoplasms of jaws

Classification, clinical picture, diagnostics, surgical methods of treatment of osteoblastoclastoma, osteoma, osteoid osteoma: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient. Postoperative medical rehabilitation of patients with osteogene neoplasms of jawbones.

Bypass in department of maxillofacial surgery. Clinical analysis of patients with Osteogene benign neoplasms of jaws. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room.

13.13. Non Osteogene benign neoplasms of jaws

Classification, clinical picture, diagnostics, surgical methods of treatment of hemangioma, gemangioendotelioma, fibroma, neurofibroma, cholesteatoma, myxoma, chondroma: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient. Postoperative medical rehabilitation of patients with Non Osteogene benign neoplasms of jaws.

Bypass in department of maxillofacial surgery. Clinical analysis of patients with Non Osteogene benign neoplasms of jaws. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room.

13.14. Differential diagnostics of cysts of jaws

Etiology, pathogeny of not odontogenous cysts of jaws, differential diagnostics with odontogenous cysts and with cystous forms of neoplasms. Preoperative training of patients with not odontogenous cyst of jaw.

Bypass in department of maxillofacial surgery. Clinical analysis of patients with cysts of jaws. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room. Demonstration of the multimedia presentations. Surgical methods of treatment of cysts of jaws: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

13.15. Vascular neoplasms of maxillofacial area

Classification, clinical picture, diagnostics, differential diagnostics of vascular neoplasms of maxillofacial area. Indications to surgical methods of treatment: electrothermic coagulations, cryolysis, the laser coagulation sclerosing therapies. Surgical and combined methods of treatment of vascular neoplasms of maxillofacial area: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of patients with vascular neoplasms of maxillofacial area. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room. Demonstration of the multimedia presentations.

13.16. Neoplasms of sialadens

Classification, clinical picture, diagnostics of cystous formations of big sialadens, polymorphic and monomorphic adenomas, oksifilnokletochny tumor, mucoepidermoid tumors of different degree of differentiation, cylinder (adenokistozny carcinomas), adenocarcinomas. Types of treatment of high-quality and malignant neoplasms of sialadens.

Bypass in department of maxillofacial surgery. Clinical analysis of patients with neoplasms of sialadens. Interpretation of these beam and morphological diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the operating room. Studying of thematic tables, slides. Development of skills of inspection of big sialadens.

14. FUNDAMENTALS OF PLASTIC AND RECONSTRUCTIVE SURGERY OF MAXILLOFACIAL AREA

14.1. Planning of recovery operations in maxillofacial area. Indications and contraindications to carrying out plastic, reconstructive and esthetic surgeries

Modern opportunities, purposes and problems of plastic surgery. Planning of plastic reconstructive surgeries in maxillofacial area. Indications and contraindications to carrying out plastic, reconstructive and esthetic surgeries. Sizing of defect. The choice of plastic material for closing of defect. Planning of stages of operation. Terms of carrying out operation. Training of the patient for carrying out reconstructive and recovery operation. The law of Republic of Belarus «About organ and tissue transplantation of the person».

Bypass in department of maxillofacial surgery. Clinical analysis of patients with defects and deformations of maxillofacial area. Overseeing by the course of operative measures in the operating room. Demonstration of the multimedia presentations.

14.2. Plastic substitution of defects and deformities of maxillofacial area with local tissue

Indications to use of plastic compensation of defects and deformations by local fabrics in maxillofacial surgery, preoperative training of patients. Plastics techniques local fabrics: merits and demerits, indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative rehabilitation of patients. Plastics local fabrics according to Szymanowski, Limberg.

Bypass in department of maxillofacial surgery. Clinical analysis of patients

with defects and deformations of maxillofacial area. Overseeing by the course of operative measures in the operating room. Demonstration of the multimedia presentations.

14.3. Plastic substitution of defects and deformations of maxillofacial area rags on the feeding leg

Types of rags on the feeding leg at plastic elimination of defects of soft tissues. Sizing of defect. Fundamentals of microsurgical vascular plastics. Plastics method merits and demerits rags on the feeding leg. Indications to use of rags on leg in maxillofacial surgery, preoperative training of patients. Stages of surgical treatment, postoperative maintaining patients.

Bypass in department of maxillofacial surgery. Clinical analysis of thematic patients. Overseeing by the course of operative measures in the operating room. Demonstration of the multimedia presentations.

14.4. Free change of soft tissues in maxillofacial surgery

Types of transplants. Kinds of autodermotransplantat, ways of their fence. Indications and contraindications to use of separate types of skin autodermotransplantat. The choice of the donor site for fence of the split autodermotransplantat. Carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Bypass in department of maxillofacial surgery. Clinical analysis of thematic patients. Overseeing by the course of operative measures in the operating room. Demonstration of the multimedia presentations.

14.5. Free change of cartilaginous and bone structures in maxillofacial surgery

Types of transplants. The choice of the donor site for fence of the split autografts. Auto- and allotransplantation of basic fabrics in maxillofacial surgery. Indications to performing surgical treatment, carrying out technique, optimum terms of operational treatment, possible complications, postoperative maintaining the patient.

Bypass in department of maxillofacial surgery. Clinical analysis of thematic patients. Interpretation of these beam and morphological diagnostic methods. Overseeing by the course of operative measures in the operating room. Demonstration of the multimedia presentations.

14.6. Surgical methods of treatment at paralysis of mimic muscles

Etiology, pathogeny, classification of defeats of facial nerve. Surgical aspects of treatment of injury of facial nerve. Terms and indications to surgical palliative operations at paralysis of mimic muscles. Postoperative rehabilitation of patients with paralysis of mimic muscles.

Clinical analysis of patients with paralysis of mimic muscles. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings in the oral surgeon office. Demonstration of the multimedia presentations.

14.7. Surgical methods of treatment of anomalies and deformations of mandible

Classifications of anomalies and deformations of mandible. Assessment of anthropometrical data, operation planning. Operations on frontal and horizontal

segments of mandible, on mandible branch. Kompaktoosteotomiya on mandible, planimetric plastics of mandible: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of patients with anomalies and deformations of mandible. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings in the oral surgeon office. Demonstration of the multimedia presentations.

14.8. Surgical methods of treatment of anomalies and deformations of midface

Classifications of anomalies and deformations of upper jaw. Assessment of anthropometrical data, planning of operations. Operations on body of the maxilla and alveolar shoot. Kompaktoosteotomiya on upper jaw, operation at incorrectly accrete fractures of upper jaw, malar and arch, planimetric plastics of nizhneglaznichny edge: indications, carrying out techniques, optimum terms of operational treatment, possible complications, postoperative maintaining patient.

Clinical analysis of patients with anomalies and deformations of average face zone. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings in the oral surgeon office. Demonstration of the multimedia presentations.

15. SURGICAL PREPARATION OF ORAL CAVITY FOR PROSTHETICS

15.1. Teeth-preserving surgery

Radectomy, amputation of fang, tooth hemisection, koronaro-radicular separation. Inspection and planning of complex ortopedo-surgical treatment. Indications and technology of carrying out teeth-preserving surgery.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

15.2. Preprothetic surgery

Alveoloplastiki, removals of osteophytes, palatal torus, altitude gain (augmentation) of alveolar shoots, sine lifting. Inspection and planning of complex ortopedo-surgical treatment. Indications and technology of carrying out preprothetic surgery.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

15.3. Dental implantation: types of dental implants, indications, contraindications, inspection of the patient

Types of dental implants. Indications and contraindications to dental implantation and the choice of types of implants. Inspection of patients and planning of complex ortopedo-surgical treatment.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

15.4. Dental implantation: techniques of carrying out, complication

Technical ensuring and technique of performance of one-stage and two-stage

techniques of dental implantation. Early and late complications of dental implantation.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16. FAVORITES SECTIONS OF SURGICAL DENTISTRY AND MAXILLOFACIAL SURGERY

16.1. Differential diagnostics of high-quality and tumor like damages of bones of front department of skull

Tumor like damages of bones of front department of skull: Braytsev-Lichtenstein's disease (features of manifestation in maxillofacial area), Taratynov's disease (eosinophilic granuloma), Englya-Reklingauzen's disease (parathyroid osteodystrophy), Pezhdet's disease (the deforming osteosis). Differential diagnostics of tumor like damages of bones of front department of skull with odontogenous, ostegenny and other types of neoplasms of bones of front department of skull.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.2. Differential diagnostics of diseases of temporomandibular joint (TMJ)

Differential diagnostics of diseases and damages of VNChS. Diagnostics of pain syndrome in the field of VNChS, differential diagnostics with other pain syndromes of the person, the principles of treatment. Etiology, pathogeny, classification, clinical picture, treatment of arthroses of VNChS, VNChS arthritises.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.3. Differential diagnostics of diseases of sialadens

Diagnostics of dystrophic, inflammatory diseases of sialadens, sialolithic disease, neoplasms and tumor like diseases. Differential diagnostics of diseases of sialadens.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.4. Differential diagnostics of pain syndromes of face

Differential diagnostics of neuralgia, neuropathy of trifacial, neuropathy of facial nerve. Etiology, theories of pathogeny, mechanism of forming of pain, clinical picture, diagnostics of neuralgia of trigeminal nerve. The principles of conservative and surgical methods of treatment, terms and indications to surgical methods of treatment of diseases of trifacial, prevention of disease.

Clinical analysis of thematic patients. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.5. Features of diagnostics and treatment of midface fractures

Features of clinical picture, results of radiodiagnosis, difference in surgical

tactics of treatment of the isolated changes of malar, upper jaw and skuloorbitalny complex.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.6. Differential diagnostics of lymphadenopathy of maxillofacial area and neck

Differential diagnostics of inflammatory and secondary diseases of the lymphatic device of the person and neck. Diagnostics of lymphadenopathy, tactics of the dentist, treatment.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.7. Differential diagnostics of diseases of maxillary sinus

Odontogenous, rhinogenic, allergic, traumatic sinusitis: clinical picture, diagnostics, differential diagnostics, treatment at process aggravation. Differential diagnostics of sinusitis and neoplasms of maxillary sinus (primary cysts, odontogenous cysts, tumors).

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

16.8. Topical diagnostics of abscesses and phlegmons of maxillofacial area

Topography of cellular spaces of near jaws tissues of upper and lower jaw. Features of clinical manifestations and diagnostics of abscess and phlegmon of peripharyngeal, alate and mandibular, subchewing spaces, phlegmons of parotid and chewing and zachelyustny areas, phlegmons of mouth floor, infraorbital pole, phlegmon of infraorbital and buccal areas, infratemporal, temporal areas, pterygopalatine pole, orbit, abscess of maxillary and lingual fillet, hypoglossal roller; abscess and phlegmon of submental, submandibular areas. Features of distribution of pyoinflammatory process on cellular spaces.

Clinical analysis of thematic patients. Interpretation of these beam diagnostic methods. Overseeing by the course of diagnostic testings and operative measures in the oral surgeon office. Demonstration of the multimedia presentations.

**QUESTIONS FOR THE STATE EXAM
ON MAXILLOFACIAL SURGERY
2020-2021 academic year**

1. The organization of service of maxillofacial surgery and surgical dentistry in Republic of Belarus Structure and equipment of department (office) of maxillofacial surgery
2. Clinical methods of inspection of the patient with surgical pathology of maxillofacial area
3. Special methods of inspection of the patient with surgical pathology of maxillofacial area
4. Local anesthetics in maxillofacial surgery. Classification, criteria of the choice
5. Tuberal anesthesia (intra oral and extraoral techniques). Indications, anesthesia area.
6. Tuberal anesthesia (intra oral and extraoral techniques). Local complications.
7. Infraorbital anesthesia (intra oral and extraoral techniques). Indications, anesthesia area.
8. Infraorbital anesthesia (intra oral and extraoral techniques). Local complications.
9. Anesthesia at major palatal foramen. Indications, anesthesia area, local complications.
10. Anesthesia at incisive foramen. Indications, anesthesia area, local complications.
11. Mandibular anesthesia. Types, indications, anesthesia area, local complications.
12. Torus anesthesia (across Veysbrem). Indications, anesthesia area, local complications.
13. Anesthesia in mental foramen (intra oral and extraoral techniques). Indications, anesthesia area, local complications.
14. The local complications of injection anesthesia on mandible caused by damage of masseters. Prevention, treatment.
15. Local complications of injection anesthesia on mandible caused by damage of branches and textures of mandibular nerve. Prevention, treatment.
16. The local complications of injection anesthesia on upper jaw caused by damage of blood vessels. Prevention, treatment
17. The local complications of injection anesthesia caused by damage of branches and textures of maxillary nerve. Prevention, treatment
18. The general complications arising when carrying out anesthesia in maxillofacial area

19. The local complications arising at operation of extraction tooth: alveolar bleeding. Assistance, prevention
 20. The local complications arising at operation of extraction tooth: injury of soft tissues. Assistance, prevention
 21. The local complications arising at operation of extraction tooth: perforation of bottom of maxillary sinus. Assistance, prevention.
 22. The local complications arising at operation of extraction tooth: fractures of roots. Assistance, prevention.
 23. The local complications arising at operation of extraction tooth: fractures and dislocations nearby the standing teeth and teeth antagonists. Assistance, prevention.
 24. Indications and contraindications to operation of extraction tooth
 25. Features of carrying out local anesthesia and operation of extraction tooth at patients with the general somatic pathology (at pathology of cardiovascular system).
 26. Features of carrying out local anesthesia and operation of extraction tooth at patients with the general somatic pathology (at pathology of endocrine system).
 27. Features of carrying out local anesthesia and operation of extraction tooth at patients with the general somatic pathology (at diseases of kidneys).
 28. Features of carrying out local anesthesia and operation of extraction tooth at patients with the general somatic pathology (at liver diseases).
 29. Features of carrying out local anesthesia and operation of extraction tooth at patients with the general somatic pathology (at blood diseases).
 30. Features of carrying out local anesthesia and operation of extraction tooth at patients with the general somatic pathology (at neurologic pathology).
 31. Medical emergencies in practice of the dentist (medicinal acute anaphylaxis).
- Main treatment
32. Surgical techniques of treatment of apical periodontitis. Indications, techniques of carrying out operations (root top resection, crown-radicular separation)
 33. Surgical techniques of treatment of apical periodontitis. Indications, techniques of carrying out operations (amputation of root, hemisection)
 34. Teething diseases. Acute pericoronaritis. Clinic, diagnostics, treatment
 35. Teething diseases. Chronic pericoronaritis. Clinic, diagnostics, treatment
 36. Retention and dystopia of teeth. Clinic, diagnostics, treatment
 37. Treatment of odontogenous periostitis of jaws
 38. Principles of medicamentous therapy of pyoinflammatory processes of maxillofacial area and neck
 39. Acute odontogenous sinusitis of maxillary sinus. Clinic, diagnostics, treatment

40. Chronic odontogenous sinusitis of maxillary sinus. Clinic, diagnostics, treatment
41. Differential diagnostics of odontogenous and not odontogenous sinusitis of Maxillary sinus.
42. Perforation and fistulas of bottom of maxillary sinus. Clinic, diagnostics, treatment
43. Before prosthetic preparation of oral cavity - Operations on soft tissues of oral cavity. Preoperative preparation, types of operational treatment
44. Before prosthetic preparation of oral cavity - Operations on jawbones. Preoperative preparation, types of operational treatment
45. Dental implantation: indications and contraindications to use of method, indications and contraindications to the choice of type of implant.
46. Dental implantation: plan inspection of patients, planning of complex prosthetic-surgical treatment.
47. Dental implantation: early and late complications of dental implantation
48. Odontogenous cysts of jaws. Classification, diagnostics.
49. Odontogenous cysts of jaws. Clinic, differential diagnostics.
50. Odontogenous cysts of jaws. Diagnostics, treatment
51. Not odontogenous cysts of jaws. Clinic, diagnostics, treatment
52. Not odontogenous cysts of jaws. Clinic, differential diagnostics.
53. Not odontogenous cysts of jaws. Diagnostics, treatment
54. Surgical methods of treatment of cysts of jaws
55. Medial cysts and fistulas of neck. Clinic, diagnostics, differential diagnostics, surgical treatment.
56. Pretumor diseases of skin. Classification.
57. Obligate pretumor diseases of skin. Clinic. Diagnostics. Treatment.
58. Optional pretumor diseases of skin. Clinic. Diagnostics. Treatment
59. Osteoblastoma (central form). Clinic, diagnostics. Treatment.
60. Osteoblastoma (peripheral form). Clinic, diagnostics. Treatment.
61. Osteoma. Clinic, diagnostics. Treatment.
62. Osteoid osteoma. Clinic, diagnostics. Treatment.
63. Ameloblastoma. Clinic, diagnostics, treatment.
64. Odontoma. Clinic, diagnostics, treatment.
65. Cementoma. Clinic, diagnostics, treatment.
66. Vascular tumors. Classification.
67. Vascular tumors. Principles of diagnostics and treatment.
68. Cavemous hemangioma. Clinic, diagnostics, treatment methods
69. Capillary hemangioma. Clinic, diagnostics, treatment methods
70. Branchy hemangioma. Clinic, diagnostics, treatment methods
71. Lymphangioma. Clinic, diagnostics, treatment methods.

72. Benign tumors of salivary glands. Classification.
73. Benign tumors of salivary glands. Principles of diagnostics
74. Benign tumors of salivary glands. Options of surgical treatment.
75. Benign epithelial tumors of salivary glands. Classification, clinical signs.
76. Malignant tumors of salivary glands. Clinical signs.
77. Malignant tumors of salivary glands. Classification.
78. Malignant tumors of salivary glands. Principles of diagnostics
79. Malignant tumors of salivary glands. Principles of treatment.
80. Malignant skin tumors of the person. Classification.
81. Malignant skin tumors of the person. Principles of diagnostics
82. Malignant skin tumors of the person. Principles of treatment
83. Basal-cell carcinoma of skin. Clinic, diagnostics, treatment.
84. Squamos-cell carcinoma of skin. Clinic, diagnostics, treatment.
85. Lip cancer. Clinical classification, diagnostics, treatment Clinical classification. Principles of diagnostics.
86. Lip cancer. Clinical signs of primary tumor, principles treatment
87. Malignant damages of mucous membrane of oral cavity. Clinical classification. Principles of diagnostics.
88. Malignant damages of mucous membrane of oral cavity. Clinical signs of primary tumor, principles of treatment.
89. Malignant damages of language. Clinical classification. Principles of diagnostics.
90. Malignant damages of language. Clinical signs of primary tumor, principles treatment
91. Malignant damages of mucous membrane of mouth floor. Clinical classification. Principles of diagnostics.
92. Malignant damages of mucous membrane of mouth floor. Clinical signs of primary tumor, principles treatment
93. Classification of malignant tumors of bones of facial skeleton.
94. Principles of diagnostics of malignant tumors of bones of facial skeleton.
95. Sarcomas of bones of facial skeleton. Clinical signs, diagnostics.
96. Cancer of upper jaw. Clinical signs depending on localization, diagnostics.
97. Levels of lymphogenous irradiation of malignant tumors of maxillofacial area.
98. Operations on the lymphatic system of neck at malignant tumors of maxillofacial area – Types of cervical lymph dissection.
99. Methods of treatment of malignant tumors of maxillofacial area. (complex and combined)
100. Radical treatment at malignant tumors of maxillofacial area.
101. Palliative, symptomatic treatment at malignant tumors of maxillofacial area.

102. Plastic compensation of defects and deformations of maxillofacial area by local tissue
 103. Main biological principles of plastic surgery of maxillofacial area
 104. Philosophy of planning of plastic surgeries on maxillofacial area
 105. Main operating-technical principles of recovery and reconstructive operations.
 106. Local plastic surgeries. Indications. Distinctiveness of the technology of carrying out.
 107. Plastic procedures by flaps on the «feeding legs». Indications. Distinctiveness of the technology of carrying out
 108. Free organ transplantation and fabrics. Indications. Distinctiveness of the technology of carrying out
 109. Anomalies of development and deformation of midface area. Clinic, diagnostics, and surgical treatment
 110. Anomalies of development and deformation of mandible. Clinic, diagnostics, methods of surgical treatment
- Abscess of
- submandibular area. Topography of cellular space, etiology, clinic, diagnostics.
 112. Phlegmon of submandibular area. Topography of cellular space, etiology, clinic, diagnostics.
 113. Abscess of submandibular area. Topography of cellular space, choice of anesthesia, surgical approach.
 114. Phlegmon of submandibular area. Topography of cellular space, choice of anesthesia, surgical approach.
 115. Abscess of submental area. Topography of cellular space, etiology, clinic, diagnostics.
 116. Phlegmon of submental area. Topography of cellular space, etiology, clinic, diagnostics.
 117. Abscess of submental area. Topography of cellular space, choice of anesthesia, surgical approach
 118. Phlegmon of submental area. Topography of cellular space, choice of anesthesia, surgical approach.
 119. Abscess of maxillo-lingual groove. Topography of cellular space, etiology, clinic, diagnostics, choice of anesthesia, surgical approach.
 120. Abscess of hypoglossal area. Topography of cellular space, etiology, clinic, diagnostics, choice of anesthesia, surgical approach.
 121. Abscess of pterygoid-jaw space. Topography of cellular space, etiology, clinic, diagnostics.
 122. Phlegmon of pterygoid-jaw space. Topography of cellular space, etiology, clinic, diagnostics

123. Abscess of pterygoid-jaw space. Topography of cellular space, choice of anesthesia, surgical approach.
124. Phlegmon of pterygoid-jaw space. Topography of cellular space, choice of anesthesia, surgical approach.
125. Abscess of peripharyngeal space. Topography of cellular space, etiology, clinic, diagnostics.
126. Phlegmon of peripharyngeal space. Topography of cellular space, etiology, clinic, diagnostics
127. Abscess of peripharyngeal space. Topography of cellular space, choice of anesthesia, surgical approach.
128. Phlegmon of peripharyngeal space. Topography of cellular space, choice of anesthesia, surgical approach
129. Phlegmon of behind lower jaw area. Topography of cellular space, etiology, clinic.
130. Phlegmon of behind lower jaw area. Clinic, diagnostics, choice of anesthesia, surgical approach
131. Abscess of behind lower jaw area. Topography of cellular space, etiology, clinic.
132. Abscess of behind lower jaw area. Clinic, diagnostics, choice of anesthesia, surgical approach.
133. Phlegmon of mouth floor. Topography of cellular space, etiology, pathology, clinic.
134. Phlegmon of mouth floor. Clinic, diagnostics, anesthesiology grant, surgical approaches.
135. Phlegmon of parotid and chewing area. Topography of cellular space, etiology, clinic, diagnostics.
136. Phlegmon of parotid and chewing area. Topography of cellular space, choice of anesthesia, surgical approach.
137. Abscess of under m. masseter space. Topography of cellular space, etiology, clinic.
138. Abscess of under m. masseter space. Clinic, diagnostics, choice of anesthesia, surgical approach.
139. Abscess of buccal area. Topography of cellular space, etiology, clinic, diagnostics.
140. Phlegmon of buccal area. Topography of cellular space, etiology, clinic, diagnostics.
141. Abscess of buccal area. Topography of cellular space, choice of anesthesia, surgical approach.
142. Phlegmon of buccal area. Topography of cellular space, choice of anesthesia, surgical approach

143. Abscess of infraorbital area. Topography of cellular space, etiology, clinic, diagnostics.
144. Phlegmon of infraorbital area. Topography of cellular space, choice of anesthesia surgical approach
145. Abscess of infraorbital area. Topography of cellular space, choice of anesthesia surgical approach.
146. Abscess of zygomatic area. Topography of cellular space, etiology, clinic, diagnostics.
147. Abscess of zygomatic area. Topography of cellular space, choice of anesthesia, surgical approach.
148. Phlegmon of zygomatic area. Topography of cellular space, etiology, clinic, diagnostics, choice of anesthesia, surgical approach.
149. Phlegmon of zygomatic area. Topography of cellular space, choice of anesthesia, surgical approach.
150. Superficial phlegmon of temporal area. Topography of cellular space, etiology, clinic, diagnostics.
151. Superficial phlegmon of temporal area. Topography of cellular space, choice of anesthesia, surgical approach.
152. Deep phlegmon of temporal area. Topography of cellular space, etiology, clinic, diagnostics.
153. Deep phlegmon of temporal area. Topography of cellular space, choice of anesthesia, surgical approach.
154. Abscess of infratemporal pole. Topography of cellular space, etiology, clinic, diagnostics.
155. Abscess of infratemporal pole. Topography of cellular space, choice of anesthesia, surgical approach.
156. Abscess of pterygopalatine fossa. Topography of cellular space, etiology, clinic, diagnostics.
157. Abscess of pterygopalatine fossa. Topography of cellular space, choice of anesthesia, surgical approach.
158. Anaerobic infection of maxillofacial area. Features of surgical and drug treatment.
159. Purulent wound of maxillofacial area and neck: types of drainage, the choice of antiseptic agent in the first stage of wound process (inflammation).
160. Purulent wound of maxillofacial area and neck: topical treatment of the second stage of wound process (regeneration).
161. Purulent wound of maxillofacial area and neck: topical treatment of the third stage of wound process (epithelization).
162. The sequence of actions of the doctor at surgical treatment of suppurative focus in maxillofacial area at abscesses and phlegmons.

163. Examination of temporary disability general health at pyoinflammatory processes of maxillofacial area.
164. Epidemic parotitis. Etiology, clinic, diagnostics, treatment.
165. Acute bacterial sialadenites. Etiology, clinic, diagnostics, treatment.
166. Chronic parenchymatous sialadenitis. Clinic, diagnostics, treatment.
167. Chronic interstitial sialadenitis. Clinic, diagnostics, treatment.
168. Classification of inflammatory processes of sialadens
169. Diagnostics of inflammatory diseases of sialadens
170. Sialolithic disease. Clinic, diagnostics, treatment
171. Organ-preserving sialolithic disease operations.
172. Classification of dystrophic diseases of sialadens (sialoses).
173. Syndrome (disease) Sjogren's disease, Clinic, diagnostics, treatment
174. Mikulich's (syndrome) disease. Clinic, diagnostics, treatment.
175. Classification of diseases of temporomandibular joint (TMJ).
176. Modern principles of diagnostics of diseases of Temporomandibular joint (TMJ).
177. Features of planning of treatment of diseases of Temporomandibular joint (TMJ).
178. Acute bacterial arthritis of Temporomandibular joint (TMJ). Clinic, diagnostics, treatment.
179. Reactive arthritises of Temporomandibular joint (TMJ). Clinic, diagnostics, treatment.
180. Temporomandibular joint (TMJ) osteoarthroses. Clinic, diagnostics, treatment.
181. Temporomandibular joint (TMJ) arthritises Classification.
182. Not articular diseases of Temporomandibular joint (TMJ). Classification.
183. Pain syndrome of dysfunction of Temporomandibular joint (TMJ). Clinic, diagnostics, treatment.
184. Classification of intra joint disturbances of Temporomandibular joint (TMJ).
185. Neuralgia of trigeminal nerve. Clinic, diagnostics, treatment.
186. Traumatic neuropathy of trigeminal nerve. Clinic, diagnostics, treatment.
187. Iatrogenic neuropathy of branches of trigeminal nerve. Clinic, diagnostics, treatment.
188. Differential diagnostics of pain syndromes of the person (dental pleksalgiya, odontogenous neuralgia).
189. Differential diagnostics of pain syndromes of the person: pulpitis, neuralgia, neuritis, neuropathy.
190. Vestibuloplasty. Types of operations (according Artyushkevich, according to Clark). Indications, surgical technique.
191. Frenuloplasty: indications, types of operations, preoperative preparation.

192. The closed curettage. Indications, surgical technique
193. Open curettage. Indications, surgical technique.
194. Flaps surgery. Indications, surgical technique
195. Damages of soft tissues of maxillofacial area without wounds.
196. Damages of soft tissues of maxillofacial area with wounds.
197. Clinic, diagnostics, treatments of penetrating wounds of maxillofacial area.
198. Clinic, diagnostics, treatment of wounds of major salivary glands and their main output ducts.
199. Topical diagnostics of arterial bleeding on areas of the face. Temporary and final stop of bleeding in maxillofacial area.
200. The sequence of actions of the doctor at surgical treatment of wounds of soft tissues of maxillofacial area and neck.
201. Features of drainage at primary surgical procedures of wounds of soft tissues of the person and neck. Choice of suture material, suture methods.
202. Features of surgical treatment of wounds of maxillofacial area at their localization in zone of natural foramens.
203. Prevention of tetanus at injuries of maxillofacial area.
204. Prevention of rage at injuries of maxillofacial area.
205. Prevention of clostridial infection at injuries of maxillofacial area.
206. Dislocations of teeth. Clinic, diagnostics, treatment.
207. Fractures of teeth. Clinic, diagnostics, treatment.
208. Fractures of alveolar processus. Clinic, diagnostics, treatment.
209. Mandibular fractures. Classification, clinic, diagnostics.
210. Transport immobilization at Mandibular fractures.
211. Orthopedic treatment of patients with Mandibular fractures: indications to use of on teeth wire splints, rules of splintage.
212. Orthopedic treatment of patients with Mandibular fractures: indications to use of on teeth wire splints, types of on teeth wire splints.
213. Orthopedic treatment of patients with Mandibular fractures: indications to use of removable orthopedic dentures.
214. Surgical treatment of patients with Mandibular fractures. Indications and types of osteosynthesis.
215. Functional method of treatment of patients with the closed Mandibular fractures (branches, condylar and coronal processus).
216. Fractures of upper jaw according to Le Fort I (lower): clinic, diagnostics.
217. Fractures of upper jaw on Le Fort II (average): clinic, diagnostics.
218. Fractures of upper jaw on Le Fort III (upper): clinic, diagnostics.
219. Surgical treatment of fractures of upper jaw.
220. Orthopedic treatment of fractures of upper jaw

221. Zygomatic Fractures: classification, clinic, diagnostics.
222. Zygomatic Fractures: classification, clinic, diagnostics.
223. Zygomatic Fractures: indications and types of surgical treatment
224. Nasal bones fractures. Clinic, diagnostics, treatment.
225. Nasal bones fractures. Types of Fractures, diagnostics, treatment
226. Differential diagnostics of Fractures of zygomatic bone, upper jaw and zygomatic-orbital complex
227. Combined craniofacial injury. Clinic, diagnostics.
228. Combined craniofacial injury. Organization and implementation of surgical treatment
229. Traumatic shock Clinic, diagnostics, assistance.
230. Hemorrhagic shock. Clinic, diagnostics, assistance.
231. Types of asphyxia. Clinic, diagnostics, assistance.
232. The general complications at traumatic injuries of bones of facial skeleton: asphyxia. Transportation of victims. Assistance in various healthcare institutions (emergency station, regional hospital, regional hospital, the specialized center).
233. Early local complications at traumatic injuries of bones of facial skeleton: hypodermic emphysema. Clinic, diagnostics, surgical treatment.
234. Early local complications at traumatic injuries of bones of facial skeleton: bleeding from the line of fracture. Clinic, diagnostics, surgical treatment.
235. Early local complications at traumatic injuries of bones of facial skeleton: hematoma of soft tissues in the field of fracture. Clinic, diagnostics, surgical treatment.
236. Late local complications at traumatic injuries of bones of facial skeleton: chronic traumatic osteomyelitis. Clinic, diagnostics, surgical treatment.
237. Late local complications at traumatic injuries of bones of facial skeleton: chronic traumatic osteomyelitis. Clinic, diagnostics, surgical treatment.
238. Late local complications at traumatic injuries of bones of facial skeleton: forming of nearthrosis. Clinic, diagnostics, surgical treatment.
239. Late local complications at traumatic injuries of bones of facial skeleton: cicatricial contracture of masseters. Clinic, diagnostics, surgical treatment.
240. Late local complications at traumatic injuries of bones of facial skeleton: ankylosis of Temporomandibular joint (TMJ). Clinic, diagnostics, surgical treatment.
241. Giving primary medical assistance to patients with injury of maxillofacial area
242. Giving the specialized medical help to patients with injury of maxillofacial area.
243. Immobilization terms at different types of fractures of bones of facial skeleton.
244. Definition of clinical signs of consolidation of bone fragments. Terms of carrying out control roentgenography.

245. Rehabilitation of patients with fractures of bones of facial skeleton: physiotherapeutic treatment, physiotherapy exercises. Indications and terms of appointment.
246. Burns on the face. Clinic, diagnostics, organization of treatment.
247. Burn disease. Clinic, diagnostics, organization of treatment
248. Freezing injuries of the person. Clinic, diagnostics, organization of treatment.

INFORMATION AND METHODOLOGICAL UNIT

List of literature on the academic discipline "Maxillofacial Surgery and Surgical Dentistry"

Main literature:

1. Tarasenko, S.V. Surgical dentistry / S.V. Tarasenko M. GEOTAR. - Media, 2020. -- 672 p. ;
2. Polyclinic and hospital pediatric surgical dentistry: textbook; Ministry of Defense of the Republic of Belarus / Korsak A.K. A.S. [and etc.]. - Minsk: Higher school, 2016. - 527 p. ;
3. Surgical dentistry. Textbook. / Ed. Robustova T.G. - M.: Medicine, 2015.

Additional literature:

1. Clinical guidelines: diagnosis, prognosis and treatment of severe complications of infectious and inflammatory processes in the maxillofacial region and neck: monograph. / AND ABOUT. Pohodenko-Chudakova, O. P. Chudakov, S.V. Lark and others; ed. AND ABOUT. Pohodenko-Chudakova. - Minsk: Publishing house. BSU Center, 2016. -- 398 p. ;
2. Maxillofacial surgery. Textbook. / Ed. Drobysheva A.Yu., Yanushevich O.O. - M.: GEOTAR-Media, 2018. ;
3. Purulent-inflammatory diseases of the head and neck. Etiology, pathogenesis, clinical picture, treatment. / Ed. M.M. Solovyova, O. P. Bolshakova, D.V. Galetskiy - M., MEDpress-inform, 2016. ;
4. Propedeutics of surgical dentistry. / Ed. Solovieva M.M. - M.: MEDpress-inform, 2007. ;
5. Inflammatory diseases of the tissues of the maxillofacial region and neck. / Edited by A.G. Shargorodsky. - M.: GOU VUNMTS, 2001. ;
6. Abscesses, phlegmon of the head and neck. / Ed. Solovieva M.M., Bolshakova O.P. - SPb: KN, 1997. ;
7. Surgical dentistry. Textbook. / Ed. VA Dunaevsky. - M., Medicine, 1979. ;
8. Emergency care in outpatient dental practice. Practical guide for dentists of the faculty of advanced training, clinical residents, interns and students of 4-5 courses of the faculty of dentistry / comp.: Bogdanov AB, Koryachkin VA, Alekhova TM - St. Petersburg: publishing house of St. Petersburg State Medical University, 2010. ;
9. Plastic surgery of soft tissues of the oral cavity. / Ed. Giovanni Zucchelli - M.: Azbuka, 2014 - 816 p. ;
10. Local anesthesia in dentistry and maxillofacial surgery / comp.: A. P. Grigoryants, I. V. Marusov, T. D. Fedosenko, I. N. Antonova, A. A. Grigoryants - St. Petersburg: Publishing House Chelovek, 2017.

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