

**Program contents which provide measurable effects by learning the subject
ORAL SURGERY**

No.	Topics
1.	Revision of the anatomy of the facial skeleton – osteology, nerves and blood vessels, topography of the facial area, lymphatic system of head and neck.
2.	Surgical instruments used in oral surgery.
3.	Medical examination and history taking in out-patient practice. Patient positioning.
4.	Local analgesia used for the extraction of teeth – drugs, indications and contraindications. Allergy tests. Resuscitation kit.
5.	Local analgesia used for the extraction of teeth-technique. Hands-on phantom training
6.	Local analgesia complications-local and general, treatment
7.	Principles and technique of teeth extractions. Hands-on phantom training, patient positioning, socket protection, tooth movement, forceps application. Hands-on phantom training
8.	The principles of practices of physical examination and medical interview. Clinical classes based on simulation techniques.
9.	The principles of medical documentation correct fulfilling. Clinical classes based on simulation techniques.
10.	Teeth extractions in adults. Clinical classes based on simulation techniques.
11.	The principles of teeth extractions at patients with co-existing general sickness Clinical classes based on simulation techniques.
12.	The principles of teeth extractions in children. Clinical classes based on simulation techniques.
13.	The principles of teeth extractions at pregnant patients. Clinical classes based on simulation techniques.
14.	The principles of management in odontogenic inflammatory process in soft tissues. Clinical classes based on simulation techniques.
15.	Maxillary osteitis: etiopathogenesis, symptoms
16.	Maxillary osteitis: diagnosis,treatment.
17.	Maxillary bone radionecrosis: etiology, symptoms, treatment.
18.	Histiocytosis X: etiology, symptoms, treatment.
19.	Fibrous dysplasia of bones: etiology, symptoms, treatment.
20.	Impacted teeth, additional and supernumerary teeth: etiopathogenesis, diagnostic.
21.	Maxillary cysts:definitions,division, etiopathogenesis.
22.	Maxillary cysts:symptoms, treatment, diagnostics.
23.	Soft tissue cysts: symptoms, treatment, diagnostics.
24.	Oro – antral connections:: causes, symptoms, management
25.	Oro – antral fistulas: causes, symptoms, management.
26.	Odontogenic maxillary sinusitis:causes, symptoms, diagnostics, treatment.
27.	Anatomy and physiology of cranial nerves.
28.	Trigeminal nerve diseases.
29.	Facial nerve diseases.
30.	Facial pains.
31.	Inflammatory conditions of salivary glands: symptoms,etiology, treatment.
32.	Salivary calculus: etiology, symptoms, treatment.
33.	Salivary gland degenerative conditions.

34.	Disorders of salivation.
35.	Principles of work in Outpatient Clinic of Oral Surgery: repetition. Preparing the patient, operating field and operator to surgical procedure
36.	Principles of management in operating room. Patient zone and operating team zone. Communication ways. Techniques of wound dressing and surgical suturing
37.	Impacted teeth: diagnostics. Treatment planning. Cooperation between surgery and orthodontics
38.	Maxillary bone cysts, soft tissue cysts: differential diagnostics, treatment methods
39.	Resections of tooth root apices: qualifying patients for surgical procedure, preparing for surgical procedure. Technique of the procedure.
40.	Autotransplantation of teeth: indications, postoperative management. Hemisection, radectomy, root and crown separation, indications, postoperative management
41.	Oro-sinusal connection as a complication of tooth extraction: diagnostics, treatment. Maxillary sinus diseases: diagnostics, treatment methods
42.	Salivary gland diseases: diagnostics, treatment methods. Preparing patients taking anticoagulants for surgical procedures in mouth.
43.	Trigeminal nerve diseases: diagnostics, treatment methods. Facial pains: diagnostics, treatment methods.
44.	First aid in facial injuries. Management of tooth fractures and alveolar ridge fractures
45.	Principles of oral cancer prevention. Technique of collecting tissue material for histopathological examination. Surgical treatment of benign tumors and oral preneoplastic conditions.
46.	Qualifying the patient for implantological treatment, radiological diagnostics, principles of implantology
47.	Guided bone regeneration (GBR), biomaterials, Augmentation procedure planning.
48.	Maxillary sinus lift, alveolar ridges splitting, autogenous bone transplants, osteodistraction
49.	Preparing systemic disease patients for surgical procedures in mouth. Emergency cases in dentist's surgery: management
50.	<ol style="list-style-type: none"> 1. Resections of tooth root apices, hemisection, radectomy, removing tooth roots 2. Surgical removing and exposing impacted teeth 3. Surgical treatment of maxillary and soft tissue cysts: techniques 4. Surgical procedures in mouth to meet the requirements of orthodontic treatment 5. Autotransplantation and replantation of teeth 6. Preprosthetic oral surgery 7. Correcting soft and hard tissues
51.	<ol style="list-style-type: none"> 1. Restorative operations on oro-sinusal connections and fistulas: operative methods 2. Surgical methods of treating odontogenic maxillary sinus diseases: operative methods
52.	<ol style="list-style-type: none"> 1. Odontogenic tumors 2. Benign tumors in mouth 3. Oral preneoplastic conditions 4. Principles of oral cancer prevention. Collecting tissue material for histopathological and cytological examinations.

	5. Surgical treatment of benign tumors and oral preneoplastic conditions.
53.	1. Biomaterials, transplants and implants in oral surgery. Guided bone regeneration. 2. Augmentation procedures within alveolar ridges: distraction osteogenesis, alveolar ridge cleaving, maxillary sinus lift. 3. Dental implants- introduction to implantology (assessment of bone, qualification of patients to the surgery).
54.	Principles of oral cancer prevention. Technique of collecting tissue material for histopathological examination. Surgical treatment of benign tumors and oral preneoplastic conditions.
55.	Preparing systemic disease patients for surgical procedures in mouth. Emergency cases in dentist's surgery: management.
56.	Surgical methods of treating trigeminal neuralgia. Facial pains Salivary gland diseases. Technique of removing salivary calculuses.

57.	Revision of the material form V semester. Revision of the anatomy, topography of nerves and blood vessels. Basic techniques of intr- and extraoral anesthesia of V cranial nerve.
58.	The principles of work organization in Clinic of Oral Surgery The principles of asepsis and antisepsis in Clinic of Oral Surgery. The principles of management urgent states of life threatening.
59.	Topography of interfascial space of face and neck Odontogenic infections of soft tissues . Impacted teeth, additional and supernumerary teeth: etiopathogenesis, symptoms, diagnostic. Maleruption of third molars. Credit
60.	Non-odontogenic infections of soft tissues. Tetanus. Specific inflammations. Credit
61.	Maxillary osteitis. Granulomatous diseases. Credit
62.	Topics
63.	1. Maxillary cysts: definitions, division, etiopathogenesis, symptoms, treatment, diagnostics. 2. Soft tissue cysts: ethiology, symptoms, diagnostics. 3. Credit
64.	1. Oro-antral connections symptoms, diagnostics, principles of management. 2. Odontogenic maxillary sinusitis: causes, symptoms, diagnostics, methods of treatment. 3. Credit
65.	1. Anatomy and physiology of cranial nerves. 2. Trigeminal nerve diseases. 3. Credit
66.	1. Facial nerve diseases.

	2. Facial pains. 3. Credit.
67.	1. Inflammatory conditions of salivary glands, salivary calculosis: etiology, symptoms, diagnostics, treatment. 2. Salivary gland degenerative conditions, disorders of salivation. 3. Credit
68.	Surgical procedures in mouth to meet the requirements of orthodontic treatment. Credit
69.	Preprosthetic oral surgery. Credit
70.	Cryosurgery, new methods of diagnosis and therapy. Laser and magnetic field stimulation in oral surgery. Credit.

71.	Odontogenic inflammatory process of soft tissues of oral cavity, face and neck.
72.	Non-odontogenic inflammatory process. Tetanus.
73.	Maxillary osteitis: diagnosis, treatment.
74.	Specific inflammatory process of soft tissues and bones. Granulomatous diseases
75.	Impacted teeth, additional and supernumerary teeth.
76.	Maxillary and soft tissue cysts
77.	Oro-antral connections
78.	Trigeminal and facial nerve diseases. Paralysis of VII cranial nerve. Facial pain. Trigeminal neuralgia.
79.	Salivary gland disorders. salivary calculosis.
80.	Surgical procedures in mouth to meet the requirements of orthodontic treatment. Preprosthetic surgery.

Self-study	Teaching methods	Establishment of knowledge according to self-reliant analysis different sources: internet, book and magazines literature.
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According to the Rules Studies, University of Silesia, the completion of the evaluation and exams use the following rating scale:

CREDIT	IN WORDS
5	very good
4,5	better than good
4	good
3,5	better than satisfactory
3	satisfactory
2	unsatisfactory

Judging Criteria:

1. Rating **very good** (5) The student knows, understands and explains the intended learning outcomes and can apply them in practice very good.
2. Rating **better than good** (4.5) The student knows, understands and explains the intended learning outcomes and can apply them in practice over good.
3. Rating **good** (4) the student knows, understands and explains the intended learning outcomes and can apply them in practice good.
4. Rating **better than satisfactory** (3.5) The student knows, understands and explains the intended learning outcomes and can apply them in practice quite good.

5. Rating **satisfactory** (3) the student knows, understands and explains the intended learning outcomes and can apply them in practice satisfactory.

CREDIT – Student knows, understands and explains teaching effects and knows how to use them in practice.

Practical skills credit – according to the Department's individual rules