



**State University of Medicine and Pharmacy
"Nicolae Testemițanu"
Faculty of Stomatology
Department of Oral and Maxillofacial Surgery
and Oral Implantology "Arsenie Guțan"**

Teaching guide

Discipline: **Infections in the Oral and Maxillo-Facial Region**

Discipline type: **Compulsory**

Discipline Code: **S.06.O.056**

Year III, semester VI



**Teaching Guide No. 1
(Year III, Semester VI)**

**Topic: Etiology and pathogenesis of inflammatory disorders
of the OMF region.**

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: lecture and practical work, 135 minutes.

Questions:

1. Definition of the term “infection”.
2. Pathogenic mechanisms of infection spread (transosseous route, submucosal route, lymphatic and hematogenous routes, direct route).
3. The role of interfascial spaces in the spread of infection.
4. Frequency, etiology, and pathogenesis of inflammatory disorders.
5. Classification of inflammatory disorders.
6. Clinical evolution of inflammatory disorders.
7. Diagnostic methods of OMF inflammatory disorders.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009.
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson’s principles of oral and maxillofacial surgery, BC Decker, 2004.
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр .
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008.
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010.
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 2 (Year III, Semester VI)

Topic: Periapical Inflammatory Disorders - Apical Periodontitis. Surgical Methods for Treating Periapical Infections.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Definition of “apical periodontitis”, classification.
2. Etiology and pathogenesis of apical periodontitis.
3. Diagnosis and differential diagnosis of acute and chronic apical periodontitis.
4. Clinical picture and diagnosis of chronic apical periodontitis (fibrous, granulomatous, granuloma).
5. Clinical picture, diagnosis in exacerbated chronic apical periodontitis.
6. Principles of treatment in apical periodontitis.
7. Surgical methods for treating periapical infections. General operative protocol in endodontic surgery.
8. Apical resection: indications, contraindications, technique, surgical stages.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009.
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson’s principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 3 (Year III, Semester VI)

Topic: Eruption Disorders of Wisdom Teeth.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology.

Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Eruption accidents of lower wisdom teeth.
2. Pathogenesis (favoring factors, determining factors) of inflammatory processes in difficult tooth eruption.
3. Etiology, microbiology, classification of pericoronitis. Congestive and suppurative pericoronitis. Clinical picture, treatment methods.
4. Local complications - suppurations of the soft parts, suppurations of the bone and periosteum.
5. Treatment depending on the anatomical situation of the molar (incision, decapitation, extraction).

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009.
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 4 (Year III, Semester VI)

Topic: Osteomyelitis of the Jaws.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology.
Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Definition of the terms "osteomyelitis" and "odontogenic osteomyelitis".
Classification, etiology of osteomyelitis (odontogenic, traumatic, toxic, contact, hematogenous, Garre's chronic).
2. Anatomical and morphological particularities of the jaws.
3. Theories of the pathogenesis of odontogenic osteomyelitis:
 - a) Inflammatory-embolic (Bobrov-Lexer),
 - b) Sensitization (Artius, Saharov, Derijanov),
 - c) Neurotrophic (Semencenco).
4. Clinical picture, differential diagnosis, and treatment of acute and subacute odontogenic osteomyelitis.
5. Clinical picture, differential diagnosis, and treatment of chronic odontogenic osteomyelitis.
6. Toxic osteomyelitis - particularities of the clinical picture and treatment (bisphosphonates, drug-induced, post-radiation).
7. Basic principles of rehabilitation of patients with odontogenic osteomyelitis.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009.
4. Radzichevici M. Osteomielita toxică a maxilarelor, particularitățile clinice și paraclinice, metode de tratament. În: Medicina Stomatologică Nr. 4 (53), 2019, p.110-114.
5. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно – лицевой области. Chișinău, 2012, учеб.посobie. 118 стр.
6. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Шаргородский А.Г. Клиника, диагностика, лечение и профилактика воспалительных заболеваний лица и шеи.. Москва, 2002
9. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010.



Teaching Guide No. 5 (Year III, Semester VI)

Topic: Abscesses and Phlegmons of the OMF region.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Etiology, pathogenesis, general characteristics of inflammatory processes in the OMF territory. Concepts of "cellulitis," "abscess," and "phlegmon."
2. The role of interfascial and intermuscular spaces of the head and neck in the spread of infection in the maxillo-facial soft parts. Paths of infection spread.
3. Classification of interfascial and intermuscular spaces of the face and neck: (superficial and deep, by anatomical regions, primary and secondary).
4. General and local clinical signs of abscesses and phlegmons.
5. Diagnosis and differential diagnosis of inflammatory processes in the OMF region.
6. Treatment of inflammatory processes in the OMF region.
7. Basic principles for making incisions (aesthetic, regional, size and depth of incisions depending on the topography of nerves and blood vessels, etc.).

Bibliography:

1. Course materials
2. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
3. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 6 (Year III, Semester VI)

Topic: Periosteal Abscesses of the Jaws.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. General characteristics of periosteal infectious processes. Classification. General principles of diagnosis and treatment.
2. Palatal abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.
3. Vestibular abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.
4. Internal perimandibular submucosal abscess (mandibulo-lingual groove or submandibular abscess with “recess” progression). Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson’s principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 7 (Year III, Semester VI)

Topic: Abscesses of the Superficial Perimandibular Spaces.

Location of the work: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology.
Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. General characteristics of infectious processes of the superficial spaces.
Principles of diagnosis and treatment.
2. Submandibular abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, and treatment.
3. Submental abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, and treatment.
4. Submasseteric abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, and treatment.
5. Sublingual abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, and treatment.
6. Tongue abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, and treatment.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010.



Teaching Guide No. 8 (Year III, Semester VI)

Topic: Abscesses of the Superficial Perimaxillary Spaces.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Infraorbital (canine) abscess. Etiology, pathogenesis, topographic anatomy of the groove, clinical picture, differential diagnosis, and treatment.
2. Orbital abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.
3. Jugal (buccal) abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.
4. Abscess of the parotid-masseteric space (parotidomasseteric). Etiology, pathogenesis, topographic anatomy of the groove, clinical picture, differential diagnosis, and treatment.
5. Abscess of the temporal space (superficial and deep). Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010.



Teaching Guide No. 9 (Year III, Semester VI)

Topic: Abscesses of the Deep Spaces.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Abscess of the infratemporal space. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, treatment.
2. Pterygomandibular abscess. Etiology, pathogenesis, topographic anatomy of the space, clinical picture, differential diagnosis, and treatment.
3. Parapharyngeal (lateropharyngeal, retropharyngeal, prevertebral) abscess. Etiology, pathogenesis, topographic anatomy of the spaces, clinical picture, differential diagnosis, and treatment.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 10
(Year III, Semester VI)

Topic: Diffuse Hemifacial Phlegmon. Oral Floor Phlegmon. Intensive Therapy for Patients with Inflammatory Disorders.

Location: Clinical bases of the department.

Purpose of the work: Investigation of patients with the given pathology. Establishing the diagnosis and treatment plan. Practical participation in the reception of patients and their registration in notebooks.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Oral floor phlegmon. Affected lodges, etiology, pathogenesis, general and local clinical signs, laboratory data, diagnosis, treatment.
2. Hemifacial phlegmon: affected lodges, etiology, pathogenesis, general and local clinical symptoms, laboratory data, diagnosis, treatment.
3. Preparation of the patient for surgical intervention (psychological preparation, medication, general and local preparation).
4. Intensive therapy for patients with inflammatory disorders.
5. Anaerobic phlegmon (Ludwig's angina). Etiology, pathogenesis, diagnosis, local and general treatment.

Bibliography:

1. Course materials
2. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
3. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 11 (Year III, Semester VI)

Topic: Facial Furuncle and Carbuncle.

Location: Clinical bases of the department.

Purpose of the work: During the practical work, students learn about the etiology, symptomatology, and treatment of facial furuncle and carbuncle. Practical participation includes receiving patients and noting the work performed in registers.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Skin - natural barrier in pyoderma infection. Anatomy and histological structure of the skin. Functions of the skin.
2. Etiology and pathogenesis, classification of facial furuncle and carbuncle.
3. Regions with a high risk of localization for facial furuncle and carbuncle.
4. Clinical manifestations of the furuncle.
5. Clinical manifestations of the carbuncle.
6. Complications in furuncle and carbuncle.
7. Treatment of facial furuncle and carbuncle.
8. Prophylaxis of furuncle and carbuncle.

Bibliography

1. Course materials
2. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
3. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр,
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



**Teaching Guide No. 12
(Year III, Semester VI)**

Topic: Possible Complications in Inflammatory Disorders in the OMF Territory.

Location: Clinical bases of the department.

Purpose of the work: During the practical work, students learn about local complications, symptomatology, diagnosis, and treatment. Practical participation includes receiving patients and noting the work performed in registers.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. General and local complications of inflammatory processes located in the oro-maxillo-facial territory.
2. Phlebitis and septic thrombophlebitis. Etiology, pathogenesis, clinical picture, differential diagnosis, and treatment.
3. Cavernous sinus thrombosis. Etiology, pathogenesis, clinical picture, differential diagnosis, and treatment.
4. Mediastinitis. Etiology, pathogenesis, topographic anatomy of the mediastinum, clinical picture, differential diagnosis, and treatment.
5. Sepsis. Etiology, pathogenesis, clinical picture, differential diagnosis, and treatment.

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



**Teaching Guide No. 13
(Year III, Semester VI)**

**Topic: Lymphadenitis in the OMF Territory. Actinomycosis, Syphilis, and Tuberculosis
in the OMF Territory.**

Location: Clinical bases of the department.

Purpose of the work: During the practical work, students learn about acute and chronic lymphadenitis, symptomatology, and treatment. Practical participation includes receiving patients and noting the work performed in registers.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Histological concepts of the lymph node: - capsule; - cortex and its structures (lymphatic follicles, cortical sinuses, connective extensions of the capsule); - medulla of the lymph node (composed of extensions of lymphatic follicles, medullary sinuses, connective cords).
2. Physiological functions of the lymph node: (lymphocytopoietic, immunological, filtration).
3. Topographic anatomy of the lymphatic system in the cervico-facial territory. Lymph drainage in the OMF territory.
4. Etiology, pathogenesis, classification of pathological processes of the cervico-facial lymphatic system.
5. Acute lymphadenitis: localization, symptomatology, differential diagnosis, principles of treatment.
6. Chronic lymphadenitis: localization, symptomatology, differential diagnosis, principles of treatment.
7. Adenoabscess and adenophlegmon: localization, symptomatology, differential diagnosis, principles of treatment.
8. Specific infections in the OMF territory. Cervicofacial actinomycosis: etiology, microbiology. Classification by clinical forms and localization. Clinical picture, diagnosis, differential diagnosis, treatment.
9. Tuberculosis: microbiology, etiology, clinical forms. Pathoanatomical elements in primary and secondary forms (ulceration, TBC gumma, TBC lupus) - clinical picture, diagnosis, differential diagnosis, treatment principles.
10. Syphilis: microbiology, etiology, Pathoanatomical elements in primary, secondary, and tertiary forms - clinical picture, diagnosis, differential diagnosis, treatment principles.

Bibliography:

1. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
2. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
3. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
4. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
5. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
6. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
7. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
8. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



**Teaching Guide No. 14
(Year III, Semester VI)**

Topic: Odontogenic Maxillary Sinusitis. Oroantral Communication.

Location: Clinical bases of the department.

Purpose of the work: During the practical work, students learn about the etiology, pathogenesis, symptomatology, diagnosis, and treatment of odontogenic sinusitis. Practical participation includes receiving patients and noting the work performed in registers.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Anatomy and physiology of the maxillary sinus. The relationship of the maxillary sinus with the roots of the upper teeth.
2. Methods of clinical and paraclinical investigation of the maxillary sinus.
3. Acute odontogenic maxillary sinusitis. Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, and treatment.
4. Chronic odontogenic maxillary sinusitis: classification, etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, and treatment.
5. Perforative sinusitis. Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, and treatment

Bibliography:

1. Course materials
2. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău, „Universitas”, 1992. 553 p.
3. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
4. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004
5. Шаргородский А.Г. Воспалительные челюстно-лицевой области и шеи. Москва, 1985. 350 с.
6. Rusu N. Курс лекций по воспалительным процессам, локализованным в челюстно - лицевой области. Chișinău, 2012, учеб. пособие. 118 стр.
7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
8. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010
9. Бернадский Ю. И. Основы челюстно-лицевой хирургии и хирургической стоматологии, 3-е изд. Перераб. и доп. Москва: Медицинская литература, 2007.



Teaching Guide No. 15
(Year III, Semester VI)

Topic: Diseases of the Salivary Glands.

Location: Clinical bases of the department.

Purpose of the work: During the practical work, students learn about the etiology, pathogenesis, clinical forms, symptomatology, diagnosis, and treatment of salivary gland disorders. Practical participation includes receiving patients and noting the work performed in registers.

Form of teaching and duration: seminar and practical work, 135 minutes.

Questions:

1. Concepts of anatomy and physiology of the salivary glands.
2. Secretory dysfunctions: sialorrhea, ptyalism, hyposalivation, asialia.
3. Classification of salivary gland pathology.
4. Examination methods of salivary glands (bacteriological examination, sialography, radiological examination, ultrasonography, magnetic resonance imaging, cytological examination, catheterization of salivary ducts, bacteriological examination).
5. Acute parotitis (common, viral): etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment.
6. Chronic parotitis. Classification (parenchymatous, interstitial, recurrent), etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment.
7. Sialodochitis. Clinical signs, treatment.
8. Sialolithiasis. Etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment.
9. Complications of inflammatory processes of the salivary glands (spread of infection, salivary fistulas).
10. Sialosis - Mikulicz Syndrome and Gougerot-Sjogren Syndrome. Etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment principles.

Bibliography:

1. Course materials
2. Bucur A., Navarro-Vila C., Acero J., Lowry J. Compendiu de chirurgie oro-maxilo-facială. Ed. QMed Publishing, București, 2009
3. Timoșca G., Burlibașa C. Chirurgie buco-maxilo-facială. Chișinău „Universitas”, 1992.553 p.
4. Lehtman S. Optimizarea diagnosticării și tratamentului sialolitiaziei. 2013, teza de doctor în științe medicale.
5. Miloro M., Ghali G.E., Larsen P.E., Waite P.D. Peterson's principles of oral and maxillofacial surgery, BC Decker, 2004. 1502 p.
6. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008
7. Робустова Т. Г. Хирургическая стоматология и челюстно-лицевой хирургия. Москва: ГэотарМедия, 2010