

**TAJIK NATIONAL UNIVERSITY  
FACULTY OF MEDICINE  
DEPARTMENT OF THERAPEUTIC DENTISTRY**

**CURRICULUM  
ON THE SUBJECT OF DENTISTRY  
(for students of the 3th year in the specialty 79010100-medical business)**

**Dushanbe – 2023**

**TAJIK NATIONAL UNIVERSITY  
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Chairman of the NMS TNU

By the decision of the Scientific and Methodological Council of the Medical Faculty of TNU protocol no.\_\_\_\_, from "\_\_\_\_" \_\_\_\_\_ 2023 submitted for printing.

Chairman of the NMS of the Faculty of Medicine,

Associate Professor Karimova O.A

## INTRODUCTION

Dentistry is a medical discipline that studies the etiology and pathogenesis, diagnosis, treatment and prevention of diseases of the teeth, jaw and other organs of the oral cavity. One of the main tasks of mastering the subject of dentistry is to study methods of providing care for a number of dental diseases and these issues encourage students to pay special attention to patients receiving outpatient and inpatient treatment.

The purpose of this program is to teach students the basic forms of clinical diseases and injuries of the face and neck in a short time. During classes, students get acquainted with injuries of the jaw and face, their diagnosis, and assistance during a fracture.

The variety of clinical symptoms of some diseases of the oral mucosa encourages students to study the diagnosis of these processes, closely related to each other (pathology of the digestive organs, parenchymal organs, respiratory system, hematopoiesis, etc.). A modern doctor should know the causes of internal diseases, their symptoms on the oral mucosa and correctly assess the impact of these chronic sources of odontogenicity oral cavity on the formation of the child's body. Therefore, in lectures, theoretical questions of the subject should be supplemented in practical classes using tables, diagrams, slides, radiographs, examples. The structure of this program gives students the basic concepts of dentistry, and also helps to improve their practical skills.

The purpose of studying this subject consists of teaching students etiology, pathogenesis, clinical prizanki, methods of diagnosis and treatment and prevention of major dental diseases. The objectives of studying the subject are: -to form knowledge of the theoretical foundations of the main dental diseases; -to form the skills and abilities of using knowledge to identify signs of dental diseases and the relationship of these diseases with diseases of the body as a whole; -to develop skills in the use of first aid for dental diseases, injuries of the maxillofacial region;

## SCHEDULE OF THEMATIC CLASSES IN THE DISCIPLINE "DENTISTRY"

Calendar-thematic plan of teaching the subject "Dentistry". Total number of credits: 2 (including: 1 credit for lecture and theoretical lessons; 1 credit for practical audit lessons and 1 credit for independent work of students)

P/n	Topic name	Number of hours	
		Lec.	Prac.
1.	The concept and tasks of dentistry. Organization of dental care for the population. The main problems of dentistry, their importance for doctors. Dental diseases.	2	
	Methods of examination of dental patients. Dental diseases: caries, pulpitis, periodontitis.		2
2.	Diseases of the oral mucosa. Classification, clinical signs, first aid. The relationship of dental and somatic diseases.	2	
	Periodontal diseases: classification, clinical signs, diagnosis, principles of treatment. Diseases of the oral mucosa.		2
3.	Osteomyelitis of the jaws. Clinical signs, first aid. Common features of the jaw and face area. First aid	2	
	Local anesthesia in surgical dentistry. Tools and equipment used during surgery (tooth extraction)		2
4.	Oncology of the maxillofacial region. Statistics, features. Odontogenic tumors of the jaw.	2	
	Tooth extraction surgery		2
5.	Traumatology of the maxillofacial region. Statistics. Trauma of soft tissues, skeletal bones of the face. Statistics, classification, clinical signs, first aid.	2	
	Inflammatory diseases of the maxillofacial region. Etiology, classification.		2
6.	Dislocation of the lower jaw. Classification, clinical signs, first aid.	2	
	Osteomyelitis of the jaws. Phlegmon of the maxillofacial region. Classification, clinical symptoms, diagnosis, first aid.		2
7.	Fractures of the bones of the face and jaw. Clinical symptoms, diagnosis, first aid.	2	
	Tuberculosis, syphilis, actinomycosis. Their symptoms in the face, diagnosis, principles of treatment.		2
8.	Complications of injuries of the maxillofacial region. Clinical symptoms, diagnosis, first aid.	2	
	Traumatology. Fractured facial bones.		2

	<b>Total: 32 hours</b>	<b>16</b>	<b>16</b>
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## THE CURRICULUM OF THE SUBJECT

**Topic 1. The concept and tasks of dentistry. Organization of dental care for the population. The main problems of dentistry, their importance for doctors. Dental diseases.**

### A. Lecture classroom classes

The concept and functions of dentistry. The main issues of dentistry, its importance for doctors. Organization of dental care for the population. Dental diseases. Caries: etiology, clinical symptoms, principles of treatment, prevention. Department. Periodontitis. Classification, clinical signs, ambulance. Paradantosis. Classification. Principles of treatment.

### B. Practical classroom classes

1. Methods of diagnosis of dental diseases.
2. Dental diseases: caries, pulpitis, periodontitis.
3. Etiology, clinical symptoms, diagnosis, first aid, prevention.

### C. Independent work of students

1. Dental examination. Solving situational issues. Ashurov G.G. Therapeutic dentistry. Educational book.D.: 2009. Saburov S.K. Orthopedic dentistry: Textbook. D.: 2009.

**Topic 2. Diseases of the oral mucosa. Classification, clinical signs, first aid. The relationship of dental and somatic diseases.**

### A. Lecture classroom classes

Diseases of the oral mucosa. Classification, clinical signs, first aid. Connection of dental and somatic diseases. Inflammatory diseases of the face, neck. Classification. Acute odontogenic periostitis.

### B. Practical classroom classes

1. Periodontal diseases: classification, clinical signs, diagnosis, principles of treatment.
2. Diseases of the oral mucosa.
3. Classification, clinical signs, first aid.
4. The relationship of dental and somatic diseases

### C. Independent work of students

1. The relationship of dental and somatic diseases. Ashurov G.G. Therapeutic dentistry. Educational book.D.: 2009. Saburov S.K. Orthopedic dentistry: Textbook. D.: 2009. Grudyanov A.I. Surgical methods of treatment of periodontal diseases.

**Topic 3. Osteomyelitis of the jaws. Clinical signs, first aid. Common features of the jaw and face area. First aid.**

### A. Lecture classroom classes

Osteomyelitis. Clinical signs, first aid. Common features of the jaw and face area. First aid.

### B. Practical classroom classes

1. Local anesthesia in surgical dentistry.
2. Tools and equipment used during the operation (tooth extraction)

### C. Independent work of students

Solving situational problems. Subkhonov S. S. Surgical dentistry. Dushanbe 2011. Surgical Dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.

**Topic 4. Oncology of the maxillofacial region. Statistics, features. Odontogenic tumors of the jaw.**

**A. Lecture classroom classes**

Oncology of the maxillofacial region. Statistics, features. Odontogenic tumors of the jaw. Clinical symptoms, principles of treatment. Malignant tumors of the jaw. Clinical symptoms, principles of treatment. Lip cancer. Clinical signs, principles of treatment.

**B. Practical classroom classes**

1. Oncostomatology.
2. Odontogenic tumors.
3. Classification, clinical symptoms, diagnosis, treatment.
4. Malignant tumors of the jaws.
5. Clinical symptoms, diagnosis and principles of treatment.

**C. Independent work of students**

1. Cancer of the lips and tongue. Clinical symptoms, diagnosis and principles of treatment. Subkhonov S. S. Surgical dentistry. Dushanbe 2011. Surgical Dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.

**Topic 5. Traumatology of the maxillofacial region. Statistics. Trauma of soft tissues, skeletal bones of the face. Statistics, classification, clinical signs, first aid.**

**A. Lecture classroom classes**

Traumatology of the maxillofacial region. Statistics. Trauma of soft tissues, skeletal bones of the face. Statistics, classification, clinical signs, first aid. Principles of facial wound healing. Complication, clinical signs, first aid. Nutrition and care for patients with jaw injuries.

**B. Practical classroom classes**

1. Inflammatory gum diseases.
2. Etiology, classification.
3. Lymphadenitis, periostitis.
4. Clinical symptoms.
5. First aid.

**C. Independent work of students**

1. Solving situational issues. Subkhonov S. S. Surgical dentistry. Dushanbe 2011. Surgical Dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.

**Topic 6. Dislocation of the lower jaw. Classification, clinical signs, first aid.**

**A. Lecture classroom classes**

Dislocation of the lower jaw. Classification, clinical signs, first aid. Principles of reconstructive surgery. Congenital cleft lip and palate. Statistics, classification, clinical signs and principles of treatment.

**B. Practical classroom classes**

1. Osteomyelitis of the joints.
2. Phlegmon of the maxillofacial region.
3. Classification, clinical symptoms, diagnosis, first aid.
4. Work in the trauma room. Supervision.

**C. Independent work of students**

1. Solving situational issues. Subkhonov S. S. Surgical dentistry. Dushanbe 2011. Surgical Dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.

**Topic 7. Fractures of the bones of the face and jaw. Clinical symptoms, diagnosis, first aid.**

**A. Lecture classroom classes**

Fractures of the bones of the face and jaw. Clinical symptoms, diagnosis, first aid. Reconstructive therapy for jaw fracture (methods) and its significance. Methods of representational therapy (showing on a phantom).

**B. Practical classroom classes**

1. Tuberculosis, syphilis, actinomycosis.
2. Their symptoms in the face, diagnosis, principles of treatment.
3. Work in the trauma room, treatment.

**C. Independent work of students**

1. Solving situational issues. Subkhonov S. S. Surgical dentistry. Dushanbe 2011. Surgical Dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.

**Topic 8. Complications of injuries of the maxillofacial region. Clinical symptoms, diagnosis, first aid.**

**A. Lecture classroom classes**

Complications of jaw and facial injuries. Clinical symptoms, diagnosis, first aid. Work in the trauma room. Care, nutrition of patients with injuries of the maxillofacial region. Work in the office.

**B. Practical classroom classes**

1. Traumatology.
2. Fracture of the facial skeleton.
3. Fracture of the upper jaw, cheekbones and nose.
4. Clinical symptoms, diagnosis and emergency care.

**C. Independent work of students**

1. Solving situational issues. Subkhonov S. S. Surgical dentistry. Dushanbe 2011. Surgical Dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.

**Literature**

1. Grudyanov A.I. Surgical methods of treatment of periodontal diseases. 2012 p .
2. Persin L.S. Orthodontics 1998
3. Nazarov Z.A. Modern endodontics. Dushanbe. "Wisdom", 2009. -152 p.
4. Subkhonov S. S. Surgical dentistry. - Dushanbe 2011.
5. Tokhtakhodzhayeva S.T., Subkhonov S.S. Pediatric dentistry. Dushanbe 2009.
6. Ashurov G.G. Therapeutic dentistry: Textbook.-D.: 2009.
7. Saburov S.K. Orthopedic dentistry: Textbook.- D.: 2009.
8. Dentistry. /Edited by Bazhanov N.N.: Textbook, 6th ed., reprint. and additional - M.: GEOTAR-MED, 2002. – 304s.
9. Surgical dentistry / Ed . Dunaevsky V.A. - M.: Medicine, 2012.
10. Clinical operative maxillofacial surgery: A guide for doctors / Edited by V.N. Balin.- St. Petersburg: Speplit, 1998.
11. Paches A.I. Tumors of the head and neck. - M.: Medicine, 2000,1983,1971
12. Organization of the department of surgical dentistry. Examination of the patient, anesthesia: A methodological guide. - M.: VUNMC.
13. Methodological developments for practical classes in dentistry for students, developed by the Department of Surgical Dentistry of the State Educational Institution of Higher Education "Chelgma Roszdrava".

14. Methodological developments for practical classes in dentistry for teachers, developed by the Department of Surgical Dentistry of the State Educational Institution of Higher Education "Chelgma Roszdrava".

**Websites and electronic media:**

<http://sinolib.tj/-book/>Therapeutic dentistry. National leadership. Pdf

<http://sinolib.tj/-book/>Propaedeutics of therapeutic stomatology. Pdf

<http://sinolib.tj/-book/> Atlas of the phantom course in therapeutic dentistry.  
Pdf<http://sinolib.tj/-book/> Propaedeutics of dental diseases. Clinical endodontics. Pdf

<http://sinolib.tj/-book/> Prevention of dental diseases. Pdf