

**Federal State Budgetary Educational Institution of Higher Education  
«North-Ossetia State Medical Academy»  
of the Ministry of Healthcare of the Russian Federation**

**DEPARTMENT OF STOMATOLOGY №2**

**ABSTRACT OF EDUCATIONAL TRAINING PROGRAM OF DISCIPLINE**

**DENTISTRY "PECULIARITIES OF THE MAXILLO-FACIAL REGION"**

the main professional educational program of higher education - specialty program in the  
specialty 31.05.03 Stomatology, approved in May 24, 2023

**1. The purpose of the discipline:**

The purpose of the discipline is to study the general patterns of development of diseases of the organs of the maxillofacial region, the characteristic features of the etiology, pathogenesis, clinical manifestations and principles of therapeutic correction. Creation of a theoretical knowledge base for the subsequent study of clinical disciplines in the specialty "dentistry".

**2. The place of discipline in the structure of the educational program**

The discipline "Peculiarities of the maxillofacial region" is studied in the fifth semester, belongs to block 1 of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry.

The training of students is carried out on the basis of the continuity of knowledge and skills obtained in the course of anatomy and propaedeutics.

**3. Requirements for the results of study of the discipline:**

**The process of studying the discipline is aimed at the formation of the following competencies:**

The process of studying the discipline is aimed at the formation and development of competencies:  
**UK -1, OPK - 5.**

As a result of studying the discipline, the student must  
*know:*

- the structure of the bones of the facial skeleton;
- the structure of the nervous system;
- the structure of the circulatory system;
- structure and role of the lymphatic system;
- structure and features of chewing and mimic muscles;
- structure and functions of the TMJ;
- structure and functions of the skin;
- clinical picture, distinctive clinical signs and differential diagnosis of jaw injuries;
- Structure and function of the salivary glands. oral fluid.

*Be able to:*

- evaluate the data of radiation methods of examination;
- find anatomical landmarks for various types of conduction anesthesia;
- analyze blood changes;
- to palpate the lymph nodes;

- analyze the research results;
- to analyze the results of studies of the TMJ;
- to predict the development of the pathological process in the oral cavity with changes in the composition, properties of the oral fluid and impaired salivation.

*Own:*

- methods for studying damage to the bones of the facial skeleton;
- the choice of the necessary local anesthetic;
- interpretation of the results of a general blood test, biochemical blood tests in inflammatory processes and injuries of the maxillofacial region;
- the main methods of TMJ research;
- methods of providing first aid for injuries of the maxillofacial region;
- ways to collect saliva for research.

**4. The total complexity of the discipline includes 3 credit units (108 hours).**

**5. Semestr: 5**

**6. The main sections of discipline**

- Anatomical and topographic features of the structure of the bones of the facial skeleton.
- Anatomical and topographic features of the innervation of the maxillofacial region.
- Anatomical and topographic features of the blood supply to the maxillofacial region.
- Anatomical and topographic features of the lymphatic system of the maxillofacial area.
- Anatomical and topographic features of the masticatory and mimic muscles of the MFR.
- Anatomical and topographic features of the TMJ.
- Anatomical and topographic features of the skin of the face and neck.
- Mechanisms of jaw fractures.
- Anatomical and topographic features of the salivary glands.
- Fundamentals of oral immunology.

Developers:

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