

**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

**MAXILLO-FACIAL SURGERY "CHILDREN'S MAXILLO-FACIAL
SURGERY"**

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 prepare a dentist for independent professional activities and perform the main functions: medical, diagnostic, advisory, organizational in the scope of providing outpatient care to children with major dental diseases.

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

The discipline "Pediatric maxillofacial surgery" is studied in the eighth and ninth semesters, refers to the basic part of 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 oral surgery.

**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, UK-2, GPC-1, GPC-2, GPC-5, GPC-6, GPC-13, PC-1, PC-2, PC-4, PC-5.

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

- features of the anatomical structure of teeth and jaws in childhood;
- physiological characteristics of individual organs and systems of the child;
- existing methods of diagnosis and treatment of major dental diseases and injuries of the maxillofacial region in children;
- features of the clinical manifestation of the main dental diseases and diseases and injuries of the maxillofacial region in children and adolescents;
- types of treatment for pediatric patients;
- structural features of the salivary glands of pediatric patients;
- structural features of the temporomandibular joint in children;
- principles of planning of reconstructive surgeries in the maxillofacial area;
- the main pathological conditions, symptoms, syndromes of dental diseases, nosological forms in accordance with the International Statistical Classification of Diseases;
- the influence of hereditary factors and environmental factors on the occurrence of major dental diseases.

Be able to:

- establish psychological contact with the child, his parents;
- collect complaints, anamnesis; to examine the child;

- to examine the teeth, the condition of the oral mucosa, periodontium, salivary glands and lymph nodes;
- choose the method of anesthesia;
- provide a sick child with emergency and emergency dental care in case of
- acute odontogenic diseases and injuries of the maxillofacial region;
- choose the best treatment option, prescribe drug therapy, taking into account the pharmacokinetics and pharmacodynamics of drugs;
- to diagnose defects and deformations of the maxillofacial region;
- draw up a plan for the entire cycle of rehabilitation treatment of patients with defects and deformities of the tissues of the maxillofacial region;
- to perform surgical intervention on hard and soft tissues of the maxillofacial region in patients of any age;
- determine the place of treatment of the child (clinic, hospital) and the amount of surgical care;
- assess the child's condition based on the examination data and the results of additional research methods, taking into account the diagnosis.

Own:

- the basics of working with pediatric patients;
- medical terminology, work with tools, methods of managing patients with a particular pathology;
- methods of anesthesia in children;
- Carrying out the extraction of teeth and surgical interventions on an outpatient basis in children;
- methods of surgical treatment;
- methods of treatment of diseases of the salivary glands;
- principles of restorative treatment of patients with diseases of the temporomandibular joint;
- an algorithm for the implementation of basic medical diagnostic and therapeutic measures for the provision of medical care;
- methods of examining the oral cavity in children: the condition of the mucous membrane, alveolar processes, tongue, soft and hard palate, position of the teeth, palpation examination of soft tissues, jaw and facial bones to identify signs of an inflammatory process;
- methods of examining the oral cavity in children: the condition of the mucous membrane, alveolar processes, tongue, soft and hard palate, position of the teeth, palpation examination of soft tissues, jaw and facial bones to identify signs of an inflammatory process or tumor growth;
- methods of conducting an external examination of the face and neck for the detection of congenital malformations of the maxillofacial area.

4. The total complexity of the discipline includes 5 credit units (180 hours).

5. Semestr: 8-9

6. The main sections of discipline

- Anatomical and physiological features of the child's body.
- Anesthesia and resuscitation in pediatric surgical dentistry.
- Extraction of teeth in children.
- Clinic and treatment of inflammatory diseases of the maxillofacial area.
- Diseases of the salivary glands in children of inflammatory origin.
- Diseases of the temporomandibular joint in children.
- Injury of the soft tissues of the face, organs, oral mucosa, teeth, jaws.


Tumors and tumor-like processes:

- Tumors and tumor-like processes of the soft tissues of the face, organs and oral mucosa.
- Tumors and tumor-like processes of facial bones in children.
- Congenital and hereditary diseases of the face and neck, jaw and facial bones, oral mucosa.

Developers:

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