

**Federal State Budgetary Educational Institution  
higher education  
"NORTH OSSETIAN STATE MEDICAL ACADEMY"  
Ministry of Health of the Russian Federation**

**ANNOTATION  
WORK PROGRAM DISCIPLINE**

**"Dentistry: Periodontology"**

the main professional educational program of higher education - specialist's programs in the  
specialty 31.05.03 Dentistry,  
approved on May 24, 2023

- 1. The purpose of studying the discipline:** training of a dentist who is able to provide outpatient care to patients with periodontal disease.
- 2. The place of the academic discipline in the structure of the main educational program:** discipline refers to the mandatory basic part of Block 1 of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry.
- 3. Requirements for the results of mastering the discipline:** the process of studying the discipline is aimed at the formation and development of competencies: UK-1, UK-6, OPIK-1, OPIK-5, OPIK-6, OPIK-9, OPIK-13, PIK-1, PIK-2, PIK-4.

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

***Know:***

- theoretical foundations of the structure, condition and functioning of periodontal tissues in normal and pathological conditions;
- etiology and pathogenesis of periodontal diseases, the current classification of periodontal diseases (ICD-10);
- tactics of clinical examination of patients with periodontal pathology, diagnostic algorithm and examination standards during dispensary observation of patients suffering from periodontal diseases;
- principles and methods of complex outpatient treatment, including conservative measures and periodontal surgery, rehabilitation and prevention of periodontal diseases;
- operational, accounting and reporting documentation;
- standards for clinical examination, dispensary accounting groups;
- rules for writing prescriptions and taking drugs used to treat periodontal diseases;
- the main errors that occur in the non-surgical treatment of periodontal pathology, and methods for their prevention and elimination;

***Be able to:***

- evaluate functional changes in periodontal tissues in various somatic and infectious diseases and pathological processes;

- in a limited time, conduct a qualitative survey and examination of the patient and identify the main objective data confirming the diagnosis;
- to determine the minimum necessary for establishing a diagnosis of laboratory and instrumental studies, informative for establishing a diagnosis;
- draw up a plan for the examination and treatment of a particular patient, taking into account the involvement of specialists in related dental specialties;
- choose the best option for conservative treatment, prescribe drug therapy, taking into account the pharmacokinetics and pharmacodynamics of drugs, preventing their unwanted side effects;
- identify, eliminate and take measures to prevent possible complications in the treatment of periodontal diseases;

**Own:**

- methods of general clinical examination of the patient and registration of a medical card of a patient suffering from periodontal pathology;
- interpretation of the results of laboratory, instrumental diagnostic methods;
- the main methods of non-surgical treatment of periodontal diseases;
- select medicines for general and local therapy of periodontal diseases;
- methods of tooth splinting, selective grinding;
- assessment of the quality of providing medical diagnostic and rehabilitation and preventive care to patients suffering from periodontal pathology;
- manual and hardware methods of removing dental deposits;
- select medicines for general and local therapy of periodontal diseases;
- basic and additional methods of surgical treatment of periodontal diseases;

**4. General laboriousness of the discipline** is 5 credits (180 hours).

**5. Semester:** 7

**6. Main sections:**

Anatomical and physiological features of the structure of periodontal tissues.

Examination of a patient with periodontal pathology

Inflammatory periodontal disease.

Destructive periodontal disease

Drawing up a treatment plan for patients with periodontal pathology

The choice of drug therapy for various periodontal diseases. Indications and contraindications for the appointment of various drugs for the pharmacological correction of periodontal pathology.

Prescription of medications.

Methods of carrying out the main surgical interventions.

Criteria for the cure of periodontal disease. Management of patients during remission of periodontal disease. Principles of medical examination of patients with periodontal pathology.

Head Department of Dentistry No. 3

D.M.S.,

Associate Professor



A.A. Remizova