

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

**ANNOTATION
WORK PROGRAM DISCIPLINE**

"STOMATOLOGY: ENDODONTICS"

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: consists in preclinical preparation, students' knowledge of the theory and practice of basic dental manipulations necessary for the diagnosis and treatment of diseases of the pulp and periapical tissues.

2. The place of the academic discipline in the structure of the main educational program: discipline is mandatory and belongs to Block 1. 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, OPK-1, OPK-2, OPK-5, OPK-6, OPK-13, ПК-1, ПК-2, ПК-4, ПК-5.

As a result of studying the discipline, the student must

Know:

Features of anatomy, histology of endodontic tissues; classification of complicated caries; pathogenic factors

Basic and additional methods for diagnosing complicated forms of caries.

Clinical manifestations, course features, differential diagnosis of various forms of pulp and periodontal inflammation.

Endodontic instruments, classification, standardization, methods of application.

Emergency conditions in dental practice

Methods for the prevention of emergency conditions at a dental appointment

Features of the functionality of the tooth - as an organ, features of restoration after endodontic intervention

Methods for the prevention of complications at the stage of diagnosis and treatment of pulpitis and periodontitis.

Be able to:

Evaluate morphofunctional, physiological and pathological processes

Conduct basic and additional methods of examination.

To analyze knowledge about diseases of the pulp, diagnostic methods and features of the manifestation of the pathological process

Evaluate morphofunctional, physiological and pathological processes

Determine the tactics of managing dental patients with diseases of the pulp and periodontium.

Analyze knowledge about pulp and periodontal diseases, diagnostic methods, choice of treatment method

Prevention of dental emergencies

Own:

Skills of analysis and definition of various manifestations of the pathological process in the body

Skills in conducting diagnostic methods in dentistry

Skills in collecting and analyzing basic and additional diagnostic methods

Skills in the treatment of endodontic tissue diseases

Skills in providing emergency care in various conditions that threaten the life of the patient

Skills in the treatment of endodontic tissue diseases and features of restoration and rehabilitation

4. General laboriousness of the discipline is 9 credits, (324 hours).

5. Semester: 6,7,8

6. Main sections:

The structure and functions of the pulp. Etiology, pathogenesis of inflammation of the dental pulp. Classification of diseases of the pulp.

Methods for diagnosing inflammation of the pulp.

Clinic, pathological anatomy, diagnosis, differential diagnosis of pulpitis.

Etiology, pathogenesis of inflammation of the apical periodontium.

Methods for diagnosing apical periodontitis.

Clinic, diagnosis, differential diagnosis of apical periodontitis.

Methods of treatment of pulpitis and apical periodontitis.

Emergency care in endodontics.

Endodontic preparation for surgical treatment of pulp and periodontal diseases.

Mistakes and complications in the treatment of pulpitis and periodontitis.

Prevention of emergency conditions in endodontics.

Restoration of teeth after endodontic treatment.

Ways to prevent and eliminate errors and complications in endodontics.

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