

**Federal State Budgetary Educational Institution of Higher Education "North Ossetian State Medical Academy" of the Ministry of Health of the Russian Federation**

**annotation**

**WORKING PROGRAM OF THE DISCIPLINE**

**ORTHODONTICS AND CHILDREN'S PROSTHETICS**

The main educational professional program of higher education is a specialty program in the specialty 31.05.03 Dentistry, approved on 24.05.2023

**Form of study:** full-time

**The term of development of OPOP in 5 years**

**Department** of Dentistry No. 1

**1. Objective of the discipline:** training of a competitive general dentist who is able to perform preventive diagnostic and therapeutic measures in the scope of outpatient dental care, based on the traditional basis of a personalized approach to each person.

**2. Place of the academic discipline in the structure of the OPOP in the Academy.** The academic discipline belongs to the mandatory part of Block 1 of the Federal State Educational Standard for Higher Education in the specialty "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: PC-6, OPK-5, PC-3

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

**To know**

1. Clinic for the diagnosis of dental anomalies.
2. methods of prevention of dental anomalies
3. Diagnostic methods in orthodontics of defects and injuries of the upper respiratory tract, the presence of AF
4. Procedure for collecting an anamnesis in an orthodontics clinic
5. Clinical examination methods for HRV
6. Indications for the use of methods of Pon, Tone, Gerlach, Korhaus
7. Methods for diagnosing AF
8. Indications for the use of various types of bending
9. Features of tactics and treatment of patients with AF
10. Types of braces, positioning rules

**Be able to**

1. Organize an orthodontist's workplace
2. Make a plan for the prevention and diagnosis of ASD
3. Perform diagnostics for AF
4. Collect medical history at the orthodontics clinic
5. Conduct a clinical examination for HRD
6. Perform calculations using the Pon, Thon, Gerlach, and Korhaus methods
7. Make a series of orthodontic images
8. Create curves of different orders
9. Determine the clinical severity of AF pathology
10. Use the positioner to determine the position of braces

**Own**

1. Methods of prevention and examination for ASF anomalies
2. Algorithm for diagnosing malocclusion pathology
3. Diagnostic methods for AF
4. The method of collecting anamnesis in the clinic of orthopedic dentistry
5. Methods of clinical examination for HRD

6. Algorithm for performing calculations in orthodontics
7. Algorithm for analyzing orthodontic images
8. An algorithm for creating bends of order I, II, III, and IV
9. Methods for assessing the general status of the patient, the relationship of influencing factors in AF
10. An algorithm for indirect fixation of braces.

**4. The total labor intensity of the discipline is 4 ZET ( 144 hours).**

**5.Semester:** 8, 9.

**6. Main sections of the discipline.**

1. Organization of orthodontic care for the population. ZFA classifications.
2. Methods of prevention of PFA
3. Methods of examination of patients with AF.
4. Methods for determining the functional state of the dentoalveolar system (clinical, functional (laboratory) and static).
5. Features of examination and laboratory methods for studying patients with HRD
6. Diagnosis of dental anomalies: Pon, Tone, Gerlach, Korhaus method
7. Diagnosis of dental anomalies. Photos in orthodontics
8. TRG. Calculation of TRG
9. Features of tactics and treatment of patients with AF
10. Methods of treatment of dental anomalies using a bracket system

**Developers:**

Head of the Department of Dentistry No. 1,  
MD, Associate Professor



M. G. Dzgoeva

Associate Professor  
of the Department of Internal Dentistry No.1,



S. K. Khetagurov