

**State budget educational institution
higher professional education
"NORTH OSSETIAN STATE MEDICAL ACADEMY"
Ministry of Health of the Russian Federation**

**ANNOTATION
WORK PROGRAM DISCIPLINE
"Clinical application of modern dental materials used in therapeutic
dentistry"**

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 the possession by students of the theory and practice of basic dental manipulations, the professional skills of a dentist for training at clinical dental departments.

2. The place of the academic discipline in the structure of the main educational program: The discipline is included in Block 1 of the Federal State Educational Standard of Higher Education of the discipline of choosing the variable part 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: YK-1, YK-6 OIK-1, OIK-5, OIK-6, PK-1, PK-2.

As a result of studying the discipline, the student must

Know:

- indications for the use of modern dental materials for the treatment of pathology of hard dental tissues.

- the main groups of modern dental materials used in therapeutic dentistry.

- modern oral care products and requirements for them;

Be able to:

- register and evaluate the condition of hard tissues of teeth, periodontium, oral hygiene;

- apply modern dental materials, technologies and methods of treatment of pathology of hard tissues of teeth;

- to carry out an individual selection of various modern dental techniques and materials in the conditions of a dental appointment;

- apply modern methods and means of treatment and prevention of dental diseases both at the individual and group levels;

Own:

- to determine the state of hard tissues of teeth using basic and additional methods of examination;

- to treat the pathology of hard tissues of teeth of carious and non-carious origin with

composite materials of various groups;

- to carry out the selection of certain methods of treatment of pathology of hard tissues of teeth;
- to carry out an individual approach in the treatment of various groups of the population;
- to carry out an individual selection of modern dental materials in the conditions of a therapeutic reception;

4. General laboriousness of the discipline is 2 credits, (72 hours).

5. Semester: 10

6. Main sections:

Modern methods of whitening hard tooth tissues

Modern composite materials designed to restore defects in hard tissues of teeth of carious and non-carious origin. Criteria of choice.

Modern methods of preparation of hard tissues of teeth. Preparation of the anterior group of teeth for highly aesthetic composite veneers.

Aesthetic restoration of the tooth.

Modern methods of endodontic treatment. Tactics of a doctor with impassable root canals and breaking off of an endodontic instrument in the root canal.

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