

"NORTH-OSSETIAN STATE MEDICAL ACADEMY"

Ministry of Health of Russian Federation

**Abstract of the program** of discipline «MEDICINE OF DISASTERS»

of the Main professional educational program of higher education - specialty program in the specialty 31.05.03 Dentistry, approved in May 24, 2023

Form of education: Full-time

The period of development: 5 years

Department of Traumatology and Orthopedics

**1. The purpose** of the discipline:

The purpose of mastering the discipline " MEDICINE OF DISASTERS " is the professional training of graduates of medical University to work to provide medical assistance to the affected in emergency situations of peace and war.

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

Discipline "Life Safety" refers to the basic part of block 1 of the Federal State Educational Standard of Higher Education.

**3. Requirements** for the results of the discipline:

The process of studying the discipline is aimed at the formation and development of competences (universal competences - UC, general cultural competences-GCC, professional competences – PC):

UC- 8. GCC -7, PC -4.

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

tasks and organizational structure of special health units.

tasks and organizational structure of the All-Russian Disaster Medicine Service (VSMK);

medical forces and means designed to provide medical assistance to the affected population in emergency situations;

fundamentals of the organization of medical evacuation measures in emergency situations;

features of the organization of medical care in emergency situations and disasters in peacetime and wartime;

methods and means of protection of patients, medical personnel and property of medical organizations in emergency situations;

definition and classification of emergency situations;

damaging factors of natural emergencies: earthquakes, floods, other natural disasters;

medical and health consequences of emergencies;

tasks and fundamentals of the organization of the Unified State System of prevention and liquidation of consequences of emergency situations (RSChS);

fundamentals of organization, measures and methods of protecting the population from natural and man-made hazards;

theoretical foundations of the modern system of medical evacuation provision of the population in emergency situations of natural, man-made, road transport, explosive and fire-hazardous nature;

features of the organization of medical evacuation measures in the case of the use of modern weapons;

fundamentals of medical and sanitary provision of the population during liquidation of consequences of emergency situations of chemical and radiation nature;

organization of medical and sanitary provision of the population during the liquidation of the consequences of natural, man-made, road transport, explosive and fire-hazardous emergencies;

fundamentals of the organization and conduct of sanitary and anti-epidemic (preventive) measures in emergency situations of peacetime and wartime;

the content of measures for the medical supply of medical units and institutions in various modes of operation of the disaster medicine service;

Tasks and organizational structure of the All-Russian Disaster Medicine Service (VSMK);

the main provisions of regulatory legal documents on the organization of medical support of the population in emergency situations of natural, man-made, road transport, explosive and fire-hazardous nature;

the order of interaction of medical units and institutions in the elimination of consequences in the lesions;

**Be able to:**

provide first aid in case of emergency, primary pre-medical and medical health care to victims in emergency situations;

perform their functional duties when working as part of formations and institutions of the disaster medicine service;

carry out basic measures to protect the population, patients, medical personnel and property from damaging factors in emergency situations;

use medical protective equipment;

to carry out sanitary and hygienic and anti-epidemic measures in the lesions;

identify dangerous and harmful environmental factors affecting the safety of the population;

assess the chemical and radiation situation in emergency situations;

use medical and other types of property that are provided by formations and institutions of the medical service of disaster medicine.

identify the main environmental hazards, assess the risk of their implementation;

assess the medical situation in emergency situations;

choose methods of protection against dangerous factors;

apply methods of protection against hazards in the course of a doctor's activity;

apply methods to ensure comfortable living conditions for patients and medical personnel;

implement measures to protect patients, medical personnel and medical property in emergency situations;

determine the scope and type of medical care depending on the medical situation;

to provide first, pre-medical and first aid to the affected population in emergency situations of various nature;

solve practical tasks for calculating the allocation of the necessary forces and means of the disaster medicine service to provide emergency medical care to those affected in emergency situations;

determine the need for medical equipment for institutions and formations intended for medical and sanitary provision of the population and make applications for its receipt;

**to own:**

conceptual and terminological apparatus in the field of human life safety and disaster medicine;

proper maintenance of medical records (fill out the primary medical record);

the main medical diagnostic and therapeutic measures for the provision of primary medical and sanitary care in urgent and

life-threatening conditions to victims in lesions in various emergency situations; methods of providing first, pre-medical and first medical care to victims in emergency situations;

methods of assessing the medical and tactical characteristics of lesions;

methods of radiation and chemical exploration, radiometric and dosimetric control;

methods of sanitary treatment in case of emergency;

the main technical means of individual and medical protection.

methods of medical triage in emergency situations; methods and methods of evacuation of victims in emergency situations; methods of application of antidote and radioprotective agents in the scope of first aid;

**4. The total complexity of the discipline is 2 CU (72 hours).**

5. Semester: 9 semester.

6. The main sections of the discipline:

1) All-Russian Disaster Medicine Service. Fundamentals of medical evacuation provision of the population in emergency situations of peacetime and wartime.

2) Protection of the population and rescuers in emergency situations

3) Organization of medical supplies in emergency situations

4) Toxicology

5) Radiobiology

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