

**Assessment tools for conducting attestation
in discipline «Life safety»
for students of 2020 year of admission
under the educational programme
31.05.01 General medicine,
specialisation (profile) General medicine
(Specialist's degree),
form of study full-time
for the 2025-2026 academic year**

1. Assessment tools for conducting current attestation in discipline

1.1. The current attestation includes the following types of tasks: testing, solving situational tasks, assessing the development of practical skills (competencies), interviewing on control questions, and preparing an essay.

1.1.1. Examples of test tasks

Verifiable indicators of competence achievement: ОПК-6.1.1, ОПК-7.1.1

1) Characteristics of a major disaster:

- a) the number of victims is up to 500, and they need to be hospitalized for up to 100
- b) the number of victims is more than 1,000, and they need to be hospitalized for up to 250
- c) the number of victims is more than 1,000, and they need to be hospitalized for more than 250
- d) the number of victims is more than 5,000, and they need to be hospitalized for more than 450

2) By type of source, emergencies are classified into:

- a) biological, social, military, and environmental
- b) local and territorial
- c) predictable and unpredictable
- d) military and peaceful

3) Source of dynamic damaging factors:

- a) direct effect of overpressure in the shock wave front
- b) exposure to high temperatures
- c) ionizing radiation
- d) bacterial agents

4) Characteristics of a minor disaster:

- a) up to 50 people injured, up to 10 people requiring hospitalization
- b) up to 100 people injured, up to 50 people requiring hospitalization
- c) up to 250 people injured, up to 100 people in need of hospitalization
- d) up to 500 people injured, up to 200 people in need of hospitalization

5) List the neurotoxic substances:

- a) hydrogen sulfide, sulfur dioxide, nitric acid, nitrogen oxides
- b) organophosphorus compounds
- c) chloropicrin, phosgene, diphosgene
- d) carbon monoxide, hydrocyanic acid, cyanides

6) The permanent part of the staff structure of a field multidisciplinary hospital includes:

- a) a surgical department
- b) a trauma department
- c) a neurological department

- d) a neurosurgery department
- 7) A type of medical care is called:
- a) a set of medical and preventive measures carried out depending on the type of emergency situation
 - b) a set of medical and preventive measures carried out depending on the situation in the emergency situation
 - c) a set of medical and preventive measures established for carrying out at a certain stage of medical evacuation
- 8) The main mechanism of the psychotic effect of DLC is due to:
- a) a violation of serotonin metabolism in the CNS
 - b) a decrease in the activity of catecholaminergic structures in the CNS
 - c) a blockade of N-cholinergic structures in the CNS
 - d) a blockade of M-cholinergic structures in the CNS
- 9) The mechanism of toxic action of organophosphorus compounds is based on:
- a) reduction of acetylcholine synthesis
 - b) inactivation of cholinesterase
 - c) activation of cholinesterase
 - d) increase in acetylcholine synthesis
- 10) The high toxicity of methanol is due to:
- a) the molecule of the substance itself;
 - b) metabolic products (formaldehyde and formic acid)
 - c) metabolic products (acetaldehyde and acetic acid)
 - d) metabolic products (oxalic and glycolic acids)

1.1.2. Examples of situational tasks

Verifiable indicators of competence achievement: YK-8.3.1, OPIK-6.2.1, OPIK-6.3.1, PIK-1.2.1, PIK-1.2.2, PIK-5.2.2 PIK-5.3.3

1) Victim S. was brought to the hospital from the site of a chemical accident. According to the accompanying medical volunteer, the victim had put on a gas mask late. An antidote was administered as a form of self-help. On examination, the victim was found to be in a severe condition. He was in a state of stupor. His pupils were pinpoint-sized. His skin was moist and pale, and his lips were cyanotic. He had widespread myofibrillations that were not synchronized throughout his body. He was experiencing vomiting and involuntary defecation. Periodically, there is motor agitation, hyperkinesia, which turns into clonic (clonic-tonic) convulsions. Shortness of breath, bronchospasm. Pulse rate is 90 beats per minute, rhythmic, and tense. Blood pressure is 110/60 mmHg. The heart sounds are weakened. Breathing is harsh, with dry wheezing. The respiratory rate is 28 breaths per minute. The abdomen is soft. Peristalsis is increased. Evacuated to the stage of medical care.

The condition is severe. Consciousness is depressed to the point of coma, pain sensitivity is preserved. Pupils are pinpoint. The number of breaths is 36 per minute, superficial, and the exhalation is prolonged. Clonic-tonic convulsions. The skin is moist and gray-cyanotic. The corneal and pharyngeal reflexes are preserved. A large amount of saliva and mucus is secreted from the oral cavity. The pulse is rhythmic, 110 beats per minute, and of poor filling. The heart borders are enlarged. The first heart sound is weakened at the apex. The blood pressure is 100/60 mmHg. During the examination, the patient's breathing stopped during a clonic-tonic seizure. Laboratory tests show leukocytes of $13 \cdot 10^9/L$ and lymphopenia. Body temperature is 37.6° . ECG shows signs of myocardial hypoxia. Plasma cholinesterase activity is reduced.

Task:

1. Make a diagnosis.
2. Provide first aid.

2) He was taken to the facility's medical center 2 hours after the radiation accident. He took 2 tablets of etaperazine at the scene. He does not have an individual dosimeter. He complains of weakness and a moderate headache. The symptoms appeared approximately 30 minutes ago. Upon examination, his condition is satisfactory, his consciousness is clear, and he is active. The patient's facial skin is slightly hyperemic, the pulse is 82 beats per minute, the heart sounds are clear and audible, the blood pressure is 130/70 mmHg, and the breathing is vesicular. The patient's body temperature is 37.0°C. During the examination, the patient experienced vomiting.

1. Formulate a diagnosis.
2. Determine the scope of first aid and the evacuation destination for the patient.

1.1.3. Examples of security questions for an interview

Verifiable indicators of competence achievement: ОПК-6.1.1, ОПК-7.1.1.

1. The content of first aid and first medical care for victims of prolonged compression syndrome.
2. Characteristics of the medical and sanitary consequences of floods.
3. Emergency care for mechanical asphyxia.
4. Medical and sanitary support for the elimination of the consequences of natural emergencies.
5. Clinical picture and medical care at the stages of medical evacuation for traumatic shock.

1.1.4. Examples of an essay

Verifiable indicators of competence achievement: ОПК-6.1.1, ОПК-7.1.1.

1. External threats to the national security of the Russian Federation in the modern world.
2. Characteristics of the main internal threats to the national security of the Russian Federation.
3. The neutron bomb. Damaging factors and features of the course of radiation injuries.
4. Chemical accidents and disasters abroad and their medical and sanitary consequences.
5. The largest floods in Russia and their medical and sanitary consequences.

List of tasks for assessing the development of practical skills at the final lesson.

Verifiable indicators of competence achievement: УК-8.3.1, ОПК-6.2.1, ОПК-6.3.1, ПК-1.2.1, ПК-1.2.2, ПК-5.2.2, ПК-5.3.3

№	Tasks for assessing the development of practical skills	Verifiable indicators of competence achievement:
1.	Apply a "bonnet" bandage for wounds with signs of arterial bleeding in the occipital region.	ОПК-6.3.1
2.	Apply a bandage for wounds in the abdominal region and their characteristics.	ОПК-6.3.1
3.	Apply a bandage for wounds in the forearm region (spiral bandage).	ОПК-6.3.1
4.	Apply a bandage for wounds in the elbow region (tortoise bandage).	ОПК-6.3.1
5.	Apply an immobilizing bandage for upper limb injuries (Desau bandage).	ОПК-6.3.1
6.	Select the size of the helmet-mask of the GP-5 and GP-7 filtering gas masks.	УК-8.3.1
7.	Checking the filter gas mask for proper functioning.	УК-8.3.1
8.	Isolation gas mask IP-5: purpose and device.	УК-8.3.1

9.	Isolation gas mask IP-46M: purpose and device.	УК-8.3.1
10.	Purpose and use of the ladder splint. Rules for immobilization.	ОПК-6.3.1
11.	Rules for applying a hemostatic tourniquet.	ОПК-6.3.1
12.	Methods and sequence for determining the presence of heartbeat and breathing, and assessing the signs of death.	ПК-1.2.1, ПК-1.2.2
13.	Perform the first contact examination of the victim.	ОПК-6.2.1, ОПК-6.3.1
14.	Perform chest compressions and artificial ventilation for a child (under 1 year old).	ОПК-6.3.1, ПК-1.2.1, ПК-1.2.2
15.	Perform chest compressions and artificial ventilation of the lungs in an adult.	ОПК-6.3.1, ПК-1.2.1, ПК-1.2.2
16.	Perform a finger-pressing technique to temporarily stop bleeding from the following arteries: temporal, carotid, subclavian, brachial, ulnar, radial, and femoral.	ОПК-6.3.1, ПК-1.2.1
17.	Apply an occlusive bandage for penetrating chest wounds.	ОПК-6.3.1
18.	Demonstrate how to remove a foreign body from the airway in an adult. Heimlich maneuver.	ОПК-6.3.1
19.	Head-wounded helmet: device and usage guidelines.	УК-8.3.1
20.	Respirator R-2: purpose, device, and usage rules.	УК-8.3.1
21.	Gopkalit cartridge: purpose, device, and replacement rules.	УК-8.3.1
22.	Purpose and usage rules for the L-1 protective suit.	УК-8.3.1
23.	Purpose and usage rules for the KZS protective suit.	УК-8.3.1
24.	Purpose and usage rules for the OKZK protective suit.	УК-8.3.1
25.	Purpose and rules of use of the protective kit OZK.	УК-8.3.1
26.	Rules of use of the anti-chemical bag Ipp-8.	УК-8.3.1
27.	Rules of use of the anti-chemical bag Ipp-11.	УК-8.3.1
28.	Purpose and rules of use of the individual first aid kit AI-2.	УК-8.3.1
29.	Rules of use of the syringe-tube.	УК-8.3.1
30.	Purpose and rules of use of the individual dressing package.	УК-8.3.1
31.	Preparation of the VPKH to determine the neurotoxic TKhV.	УК-8.3.1
32.	Preparation of the VPKH to determine the pulmonotoxic TKhV.	УК-8.3.1
33.	Preparation of the VPHR for the determination of cytotoxic agents.	УК-8.3.1
34.	Preparation of the VPHR for the determination of general toxic agents.	УК-8.3.1
35.	Purpose and procedure for using the VPHR-MV.	УК-8.3.1
36.	Purpose and operation of the PPHR.	УК-8.3.1
37.	Purpose and rules of use of the AP-1 indicator film.	УК-8.3.1
38.	Principle of device and preparation for operation of the DP-64 device.	УК-8.3.1
39.	Checking the operability of the DP-5A device.	УК-8.3.1
40.	Operation of the DP-5A device, measurement of gamma radiation.	УК-8.3.1
41.	Operation of the DP-5A device, measurement of beta radiation.	УК-8.3.1

42.	Preparation for operation and method of taking readings of the individual dosimeter DKP-50A.	УК-8.3.1
43.	Preparation for work and the method of taking readings with the DP-70M individual dosimeter.	УК-8.3.1

Assessment tools for students' independent work

The assessment of independent work includes the preparation of an essay.

1.2.1. Examples of an essay

Verifiable indicators of competence achievement: УК-8.3.1, ОПК-6.2.1, ОПК-6.3.1, ПК-5.1.2

1. External threats to the national security of the Russian Federation in the modern world.
2. Characteristics of the main internal threats to the national security of the Russian Federation.
3. The neutron bomb. Damaging factors and features of the course of radiation injuries.
4. Chemical accidents and disasters abroad and their medical and sanitary consequences.
5. The largest floods in Russia and their medical and sanitary consequences.

2. Assessment tools for conducting intermediate attestation in a discipline.

Intermediate attestation is carried out in the form of an exam.

Intermediate certification includes the following types of tasks: interview.

2.1. List of interview questions

Verifiable indicators of competence achievement: УК-8.3.1, ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1, ОПК-7.1.1, ПК-1.2.1, ПК-1.2.2, ПК-5.1.2, ПК-5.2.2, ПК-5.3.3

№	Questions for the interim assessment	Verifiable indicators of competence achievement
1.	The Unified State System for Prevention and Elimination of Emergencies: Purpose, Tasks, Levels of Organization, Forces and Means, and Modes of Operation.	УК-8.3.1
2.	Organizations and Tasks of the Surveillance and Laboratory Control Network.	ПК-5.1.2, ПК-5.2.2
3.	Contents of Sanitary and Hygienic Measures in the Emergency Zone.	ПК-5.1.2, ПК-5.2.2
4.	Procedure for Conducting Sanitary Examination of Food and Drinking Water.	ПК-5.1.2, ПК-5.2.2
5.	Contamination of Food and Water as a Result of Emergency Situations. Methods and Techniques for Decontaminating Food and Drinking Water.	ПК-5.1.2, ПК-5.2.2, ПК-5.3.3
6.	All-Russian Service of Disaster Medicine: Purpose, Tasks, Levels of Organization, Forces and Means.	УК-8.3.1, ПК-5.1.2
7.	Medical and evacuation support for the population in emergencies of peacetime and wartime: concept, main objectives, organization	УК-8.3.1, ПК-5.1.2
8.	System of medical and evacuation support for the population in emergencies. Types and scope of medical care.	УК-8.3.1, ПК-5.1.2
9.	Assessment of the sanitary and epidemiological state of the emergency zone.	УК-8.3.1, ПК-5.1.2
10.	The content of anti-epidemic measures in an emergency situation. The concept of quarantine and observation.	ПК-5.1.2, ПК-5.2.2, ПК-5.3.3
11.	Stages of medical evacuation. Medical sorting and evacuation	УК-8.3.1, ПК-5.1.2

	of victims in emergency situations.	
12.	Special treatment. Types of special treatment. Types and methods of decontamination.	УК-8.3.1, ПК-5.1.2
13.	Special treatment. Types of special treatment. Types and methods of decontamination.	УК-8.3.1, ПК-5.1.2
14.	Sanitary and epidemiological consequences of emergency situations, and the main causes of their occurrence.	УК-8.3.1, ПК-5.1.2
15.	The content of anti-epidemic measures in an emergency situation. Features of an epidemic outbreak in emergency situations.	УК-8.3.1, ПК-5.1.2
16.	Measures to transfer healthcare facilities to a strict anti-epidemic regime.	ПК-5.1.2, ПК-5.2.2, ПК-5.3.3
17.	Tasks and organizational structure of sanitary and anti-epidemic units.	ПК-5.1.2, ПК-5.2.2, ПК-5.3.3
18.	Tasks and principles of medical supply in emergency situations.	УК-8.3.1, ПК-5.1.2
19.	Medical supply bodies and their main functions.	УК-8.3.1, ПК-5.1.2
20.	Preparation of healthcare facilities for work in emergency situations.	УК-8.3.1, ПК-5.1.2
21.	The concept of national security and Russia's national interests. The main threats to the national security of the Russian Federation.	ПК-5.1.2
22.	The legal and regulatory framework for healthcare mobilization.	ПК-5.1.2
23.	Mobilization of healthcare: key activities. The responsibilities of citizens in the field of mobilization and mobilization.	ПК-5.1.2
24.	Classification and characteristics of medical equipment. Requirements for medical equipment intended for supply in emergency situations.	ОПК-7.1.1
25.	The concept of medical equipment kits and sets. The advantages of supplying kits in emergency situations.	ОПК-7.1.1
26.	Determination of the need for medical equipment for emergency medical services and facilities. The concept of the supply rate and the table.	ОПК-7.1.1
27.	Special healthcare units. Purpose, composition, and tasks.	ПК-5.1.2
28.	Military registration and reservation of medical personnel.	ПК-5.1.2
29.	Modern means of armed combat. Classification, damaging factors.	ПК-5.1.2
30.	Classification and features of modern military conflicts.	ПК-5.1.2
31.	Classification of natural emergencies. Characteristics of earthquakes, protective measures. Rules for the population's behavior during an earthquake.	ПК-5.1.2
32.	Medical and sanitary consequences of earthquakes. Medical and sanitary support for the elimination of the consequences of earthquakes.	УК-8.3.1, ПК-5.1.2
33.	Natural disasters of geophysical nature. Volcanic eruptions: damaging factors, protective measures.	УК-8.3.1, ПК-5.1.2
34.	Geological natural disasters. Rockfalls, landslides, mudflows, and avalanches. Actions of the population in the event of a landslide, rockfall, or mudflow.	УК-8.3.1, ПК-5.1.2
35.	Hydrological natural disasters. Characteristics of floods. Classification by cause and consequences. Damaging factors.	УК-8.3.1, ПК-5.1.2

36.	The concept of hydrodynamic hazards and areas of catastrophic flooding. Rules for the population's behavior during a flood.	УК-8.3.1, ПК-5.1.2
37.	Medical and sanitary consequences of floods. Medical and sanitary support for the elimination of the consequences of floods.	УК-8.3.1, ПК-5.1.2
38.	Drowning: types, etiology, pathogenesis, clinical manifestations, and provision of medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
39.	Limb-stripping syndrome: etiology, pathogenesis, clinical manifestations, and provision of medical care at the stages of medical evacuation.	ОПК-7.1.1, ПК-1.2.1, ПК-1.2.2
40.	Meteorological natural disasters. Damaging factors. Classification of wind by speed. Rules for the population's behavior during hurricanes.	УК-8.3.1, ПК-5.1.2
41.	Medical and sanitary consequences of exposure to meteorological natural disasters. Frostbite: classification, clinical manifestations, and medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
42.	Characteristics of emergencies of explosive and fire-hazardous nature. Organization of medical care for victims.	УК-8.3.1, ПК-5.1.2
43.	Burn disease: etiology, pathogenesis, clinical manifestations, and medical care at the stages of medical evacuation.	ОПК-7.1.1, ПК-1.2.1, ПК-1.2.2
44.	Thermal burns: determination of the area and depth of burns, clinical manifestations, and medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
45.	Transport-related emergencies. Traffic accidents: main types of traffic accidents, and the mechanism of injury in participants of traffic accidents.	УК-8.3.1, ПК-5.1.2
46.	General hypothermia: etiology, pathogenesis, clinical manifestations, and medical care at the stages of medical evacuation.	ОПК-7.1.1, ПК-1.2.1, ПК-1.2.2
47.	Natural fires. Classification, damaging factors. Rules of conduct for the population in the centers of natural fires.	УК-8.3.1, ПК-5.1.2
48.	Algorithm of actions at the place of an accident. Composition of a car first-aid kit.	ОПК-6.1.1
49.	Transport-related emergencies. Incidents on railway, aviation, water transport. Damaging factors. Rules of rescue.	УК-8.3.1, ПК-5.1.2
50.	Medical and sanitary support in transport-related emergencies.	УК-8.3.1, ПК-5.1.2
51.	Damage to the spine: classification, clinical manifestations, medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
52.	Chest trauma. Types of injuries. Clinical manifestations, medical care at the stages of medical evacuation.	ОПК-7.1.1, ПК-1.2.1, ПК-1.2.2
53.	Social emergencies. Medical and sanitary consequences and provision in local armed conflicts.	УК-8.3.1, ПК-5.1.2
54.	Social emergencies. Medical and sanitary consequences and provision in terrorist acts	УК-8.3.1, ПК-5.1.2
55.	Gunshot trauma: characteristics of gunshot wounds, clinical Traumatic shock: etiology, pathogenesis, clinical manifestations, medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
56.	Pneumothorax: classification, clinical manifestations, and	ОПК-7.1.1, ПК-1.2.1,

	medical care at the stages of medical evacuation.	ПК-1.2.2
57.	Fractures of the bones of the extremities: classification, clinical manifestations, medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
58.	Traumatic brain injury: etiology, pathogenesis, clinical manifestations, medical care at the stages of medical evacuation.	ОПК-7.1.1, ПК-1.2.1, ПК-1.2.2
59.	Manifestations and features of the course of the wound process in gunshot wounds, medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
60.	Characteristics of explosive and mine-explosive trauma. Features of the course of the wound process. Principles of treatment of mine-explosive wounds and explosive injuries.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
61.	Types and sources of ionizing radiation. Effects of nuclear explosions and radiation accidents.	УК-8.3.1, ПК-5.1.2
62.	Characteristics of a radiation exposure site. The concept of radioactive contamination zones. Methods of protecting the population in radiation exposure sites.	УК-8.3.1, ПК-5.1.2
63.	The bone marrow form of acute radiation sickness: severity degrees, their clinical and laboratory diagnostics, and medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
64.	The intestinal form of acute radiation sickness: clinical and laboratory diagnostics, and medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
65.	The vascular-toxic form of acute radiation sickness: clinical and laboratory diagnostics, and medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
66.	Cerebral form of acute radiation sickness: clinical and laboratory diagnostics, medical care at the stages of medical evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
67.	Organization of radiation control and reconnaissance. Means of radiation reconnaissance and dosimetric control.	УК-8.3.1, ПК-5.1.2
68.	Biological effects of ionizing radiation: stages, mechanism of action, radiobiological effects, and forms of radiation-induced cell death.	УК-8.3.1, ПК-5.1.2
69.	Classification of radiation injuries and general characteristics.	УК-8.3.1, ПК-5.1.2
70.	Main clinical forms of acute radiation sickness caused by external relatively uniform radiation exposure: classification, characteristics, clinical and laboratory manifestations	ОПК-6.2.1, ПК-1.2.1, ПК-1.2.2
71.	Biological effects of ionizing radiation. Features of radiation injuries caused by neutron exposure	ОПК-6.2.1, ПК-1.2.1, ПК-1.2.2
72.	Biological effects of ionizing radiation. Features of radiation injuries caused by external uneven radiation exposure	ОПК-6.2.1, ПК-1.2.1, ПК-1.2.2
73.	Kinetics of radionuclides in the body. Lesions caused by internal radioactive contamination: etiology, pathogenesis, clinical manifestations, and medical care at the stages of medical evacuation.	ОПК-6.2.1, ПК-1.2.1, ПК-1.2.2
74.	Local radiation injuries of the skin and mucous membranes: clinical manifestations, medical care at the stages of medical evacuation.	ОПК-6.2.1, ПК-1.2.1, ПК-1.2.2
75.	Combined and multiple radiation injuries. The concept of mutual aggravation syndrome. Clinical periods and features of medical tactics in combined radiation injuries.	ОПК-6.2.1, ПК-1.2.1, ПК-1.2.2

76.	Radioprotection: the concept of radioprotectors, main groups, mechanism of action, and methods of using radioprotectors.	ОПК-7.1.1
77.	Classification of toxic chemicals. Characteristics of a chemical accident. Methods of protecting the population in chemical accidents.	УК-8.3.1, ПК-5.1.2
78.	Toxic damage caused by organophosphorus compounds: pathogenesis, clinical manifestations, antidote therapy, prevention of damage, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
79.	Toxic damage caused by psychostimulants (BZ, lysergic acid derivatives): pathogenesis, clinical manifestations, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
80.	Toxic chemicals of cytotoxic action - inhibitors of protein synthesis and cell division (mustard gas, Lewisite): pathogenesis, clinical manifestations, prevention of injuries, provision of medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
81.	Organization of chemical reconnaissance and control. Means of chemical reconnaissance and control.	УК-8.3.1, ПК-5.1.2
82.	Toxic chemicals of neurotoxic action. Classification. Toxic exposure to paralyzing substances (botulinum toxin, tetrodotoxin, saxitoxin): pathogenesis, clinical manifestations, medical care.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
83.	Toxic irritant chemicals: classification, mechanism of action, clinical manifestations, prevention of injuries, and medical care at the stages of evacuation.	ОК-4, ОК-7, ОПК-4, ОПК-8, ОПК-10, ОПК-11, ПК-3, ПК-5, ПК-6, ПК-11, ПК-13, ПК-19
84.	Toxic chemicals of general poisonous action. Classification. Toxic carbon monoxide poisoning: pathogenesis, clinical manifestations, prevention of injuries, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
85.	Toxic poisoning by substances that inhibit the d-chain	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
86.	Toxic exposure to methyl alcohol: pathogenesis, clinical manifestations, differential diagnosis with exposure to ethyl alcohol, antidote therapy, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
87.	Toxic chemicals with pulmonary toxicity. Acute toxic inhalation exposure to ammonia and chlorine: pathogenesis, clinical manifestations, prevention of exposure, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
88.	Toxic chemicals with pulmonary toxicity. Acute toxic inhalation injury caused by phosgene: pathogenesis, clinical manifestations, prevention of injuries, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
89.	Toxic injury caused by ethylene glycol: pathogenesis, clinical manifestations, antidote therapy, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1
90.	Toxic injury caused by dichloroethane: pathogenesis, clinical manifestations, and medical care at the stages of evacuation.	ОПК-6.1.1, ОПК-6.2.1, ОПК-6.3.1

2.2. Example of an exam ticket

FGBOU VO VolgSMU of the Ministry of Health of the Russian Federation
Department of Life Safety of the Institute of Health named after N.P. Grigorenko
Discipline: Life Safety
Specialty 31.05.01 General medicine, Direction (Profile) General medicine (Specialty)
full-time form of study
Academic year: 2025-2026

Exam card № 1

1. The content of sanitary and hygienic measures in an emergency zone.
2. Natural disasters of geophysical nature. Volcanic eruptions: damaging factors, protective measures.
3. The bone marrow form of acute radiation sickness: severity degrees, their clinical and laboratory diagnostics, medical care at the stages of medical evacuation.

Head of the Department _

A.D. Donika

The full fund of assessment tools for the discipline/practice is available in the VolgSMU Electronic Information and Educational System at the link(s):
<https://elearning.volgmed.ru/course/view.php?id=3625>

Considered at the department meeting Life safety, protocol of «30» May 2025г. № 11.

Head of the Department



A.D. Donika