

No. STOM-21ИИ

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

Department of Anesthesiology, Resuscitation and Intensive Care

APPROVED

**minutes of the meeting of the Central
Coordinating Educational and Methodological
Council
dated May 23, 2023 No. 5**

VALUATION FUND

by discipline "BASIC CARDIO-PULMONARY REANIMATION"

the main professional educational program of higher education - the program of the
specialist inspecialties 31.05.03 Dentistry,
approved on March 24.05. 2023

for students _____ 5th year _____

Reviewed and approved at the meeting of the department
dated May 18, 2023 (Minutes No. 6)

Department head

prof. MD



V.D. Slepushkin

Vladikavkaz, 2022

STRUCTURE OF FOS

1. Title page
2. Structure of the FOS
3. Reviews
4. Passport of evaluation tools
5. Evaluation kit
 - questions for assessing input control and for preparing for the module
 - questions to set off
 - situational tasks
 - benchmarks of test tasks

**Passport of the fund of appraisal funds
by discipline
"Basic Cardiopulmonary Resuscitation"**

Forspecialties **31.05.03 Dentistry**

No. p/p	Name of the controlled section of the discipline	Code of the formed competence (stage)	Name of the evaluation tool
one	2	3	four
Type of control	current, intermediate		
1.	Fundamentals of modern anesthesiology. Pain. Pathophysiology of pain. The simplest methods of anesthesia in the practice of resuscitation and intensive care	OPK-10	Test control Tickets to offset Situational tasks
2.	Acute respiratory failure	OPK-10	Test control Tickets to offset Situational tasks
3.	Acute heart failure. TELA	OPK-10	Test control Tickets to offset Situational tasks
4.	terminal states. Cardiopulmonary resuscitation. Algorithm 2015.	OPK-10	Test control Tickets to offset Situational tasks
5.	Basic principles of infusion-transfusion therapy. Infusion-transfusion media	OPK-10	Test control Tickets to offset Situational tasks
6.	Shock. Types of shock Etiology, pathogenesis, clinic, intensive care.	OPK-10	Test control Tickets to offset Situational tasks
7.	Acute disturbances of consciousness (fainting, delirium, stunning, stupor, coma). Intensive care of coma	OPK-10	Test control Questions for offset Situational tasks
8.	Resuscitation and intensive care in case of accidents (drowning, electric shock, hypothermia, heat stroke).	OPK-10	Test control Tickets to offset Situational tasks
9.	Acute poisoning	OPK-10	Test control Tickets to offset Situational tasks

Questions for assessing input control and for preparing for the module

1. What is pain. Types of pain. Mechanisms that form pain.
2. Types of anesthesia at the prehospital stage.
3. Clinical physiology of respiration.
4. Clinical physiology of blood circulation.
5. Acute respiratory failure. ODN classification. main syndromes.
6. Emergency care for ODN.
7. Shock. Classification. Etiology. Pathogenesis. Clinic. Treatment of shock conditions.
8. Acute renal failure.
9. Acute liver failure.
10. What types of acute heart failure do you know.
11. What clinical picture is typical for acute left ventricular heart failure.
12. What underlies the pathogenesis of cardiac asthma.
13. What underlies the pathogenesis of pulmonary edema.
14. What radiological signs are typical for acute left ventricular failure
15. How can you urgently reduce venous return and BCC
16. What drugs are recommended to use to relieve pulmonary hypertension in acute left ventricular failure
17. What are the methods of defoaming in case of pulmonary edema.
18. terminal states.
19. Cardiopulmonary resuscitation.
20. Poisoning. Types of poisoning.
21. Treatment methods for poisoning.
22. Fainting. Collapse. Coma.
23. TELA.
24. Myocardial infarction.
25. Cardiogenic shock.

Questions to prepare for the test

1. Respiratory regulation mechanisms
2. The main components of macro- and microcirculation
3. Oxygen capacity of blood. How is it defined?
4. Hypoxia. Types of hypoxia.
5. Acute respiratory failure. Classification, stages.
6. Clinical and biochemical signs of acute respiratory failure.
7. Asthmatic condition. Treatment at the prehospital stage.
8. Acute heart failure. Principles of therapy.
9. TELA. Principles of therapy.
10. Cardiogenic shock. Intensive therapy..
11. Traumatic shock - pathophysiology, resuscitation and intensive care.
12. Hemorrhagic shock. Pathophysiology, diagnosis, resuscitation and intensive care.
13. Anaphylactic shock. Etiology, pathophysiology, resuscitation and intensive care.
14. Burn shock. Pathophysiology, biochemical changes. Resuscitation and intensive care, features of anesthesia, infusion therapy.
15. Toxic-septic shock. Pathophysiology, diagnosis, resuscitation and intensive care.
16. Resuscitation measures in transfusion shock due to transfusion of incompatible blood.
17. terminal states. clinical, biological, social death. Pathophysiology. Clinical signs. Indications and conditions for refusing resuscitation.
18. Etiology, pathogenesis of syncope, collapse, coma. Differential diagnostic features.
19. Types of coma. Coma severity. Methods of intensive therapy.
20. Resuscitation and intensive care in case of accidents (drowning in salt and fresh water, asphyxia, electrical injury, hypothermia, heat stroke, prolonged compression syndrome).
21. General principles for the treatment of acute poisoning.
22. Modern algorithm of cardiopulmonary resuscitation.
23. Specific and non-specific methods of body detoxification (antidote therapy, intra- and exogenous methods of detoxification.
24. Alcohol poisoning and its surrogates