

**ODESSA NATIONAL MEDICAL UNIVERSITY**

MINISTRY OF HEALTH OF UKRAINE

ODESSA NATIONAL MEDICAL UNIVERSITY

Faculty: medical

*(faculty name)*

Department of pediatrics №1

*(name of department)*

APPROVE

Acting pro-rector for scientific and educational work

prof.  Svitlana KOTIUZHYNska

" " 2022 y

**METHODICAL RECOMMENDATION OF THE SEMINAR LESSON  
FROM THE SELECTIVE EDUCATIONAL DISCIPLINE**

Faculty medical, course 5 \_\_\_\_\_

Selective educational discipline: "Principles of emergency care for children at the pre-hospital stage. Practicing practical skills on simulation equipment".

*(name of educational discipline)*

Seminar lesson No.1 "Emergency medical care, pre-hospital stage, new clinical protocol".

*(name of topic)*

Approve:

Meeting of the Department of Pediatrics №1 \_\_\_\_\_

Odessa national medical university

Protocol № 1 of " 29 " 08 2022 y .

Head of the department  (Mykola ARYAYEV)

*(signature)*

*(name, surname)*

***Department of Pediatrics No. 1, Odessa National Medical University***

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**:**

Developers:

*(indicate surnames, scientific degrees, scientific titles and positions of developers; everyone who teaches the specified academic discipline must be among the developers)*

Developers:

Prof. Mykola ARYAYEV as. of prof. PhD Daria USENKO. as. of prof. PhD Larysa KAPLINA, as. Victoria PAVLOVA

*(name of academic discipline)*

*Note.* In the case of publication of methodological developments as an independent printed work, the academic council of the faculty provides a recommendation for publication in the presence of two reviews, one of which is external — from a reviewer of another institution of higher education.

**Seminar lesson No. 1**

**Topic:** Emergency medical care, pre-hospital stage, new clinical protocol.

**Purpose:** The applicant's acquisition of additional knowledge and mastering of professional competences and communication skills with the parents of a child with diseases that require urgent care, obtained in the course of studying the subject; promoting the development of creative thinking. The ability to logically express and argue one's thoughts, to listen to each other, to criticize productively.

**Basic concepts:** The main terms of cardiopulmonary resuscitation in children. General rules for providing emergency medical care at the pre-hospital stage.

**Equipment:** a mannequin of a child under 2 years of age.

**Study time:** 2 hours.

**Plan**

I. Organizational moment (greetings, checking the audience, the message of the topic, the purpose of the lesson, the motivation of applicants to study the topic).

II. Control of basic knowledge (frontal survey on the basic terminology).

Questions to check basic knowledge on the topic of the seminar:

1. General rules for providing emergency medical care to children.
2. Basic terms of cardiopulmonary resuscitation in children.
3. Basic indicators of vital activity in normal and pathological conditions.
4. Cessation of blood circulation and breathing, main causes, pathogenesis, clinical manifestations.

III. Discussion of theoretical issues:

1. General rules for providing assistance to children.
2. Basic terms of cardiopulmonary resuscitation in children, biological death
3. Basic terms of basic cardiopulmonary resuscitation in children, advanced cardiopulmonary resuscitation in children.
4. Basic terms of extended cardiopulmonary resuscitation in children
5. Cessation of blood circulation and breathing in children, main causes, pathogenesis, mechanisms. in children.

The discussion of theoretical issues can take place in the form of a role-playing game, answers to questions, debates, discussions, presentations with reports, abstracts, discussion of reports and abstracts, reviewing applicant answers, etc.)

Topics of role-playing games/reports/abstracts

1. General rules for providing assistance to children.
2. Basic terms of cardiopulmonary resuscitation in children, biological death
3. Basic terms of basic cardiopulmonary resuscitation in children, advanced cardiopulmonary resuscitation in children.
4. Basic terms of extended cardiopulmonary resuscitation in children
5. Cessation of blood circulation and breathing in children, main causes, pathogenesis, mechanisms. in children.

Applicants can prepare didactic visual guides in the form of tables, code diagrams, slides,

drawings, portraits of famous specialists, preparations during preparing a report, role-playing game,

abstract, analytical review, etc.

IV. Summary of results.

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**List of recommended literature:**

**Basic:**

1. Nelson textbook of pediatrics, 2 volume set. Edition: 21st, 2019. PDF format.  
<http://pediacalls.com/e-books/nelson-textbook-of-pediatrics-21st-edition/>
2. Vinod K Paul, Arvind Bagga. Ghai Essential Pediatrics, 8th edition, 2013. PDF format.

**Additionally:**

1. Charles A.Pohl, Leonard G.Gomella. Pediatrics On-Call Problems, 2006. PDF format.