

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 KOTIUZHYNKA

" _____ " _____ 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.4 "Emergency medical care, pre-hospital stage, new clinical protocol. Extended cardiopulmonary resuscitation".

(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)

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. 4

Topic: Emergency medical care, pre-hospital stage, new clinical protocol. Extended cardiopulmonary resuscitation.

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 extended cardiopulmonary resuscitation in children. General rules for providing emergency medical care at the pre-hospital stage. Stages of providing resuscitation care to children.

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. Extended cardiopulmonary resuscitation.

III. Discussion of theoretical issues:

1. Use of air ducts, laryngeal masks, artificial lung ventilation.

2. Indications for tracheal intubation in children.

3. The technique of performing ventilation with an Ambu bag and a mask, the technique of E-C coverage.

4. Support of airway patency during extended cardiopulmonary resuscitation in children.

5. Indications and technique of defibrillation in children.

6. Provision of vascular access (intravenous, intraosseous - on simulation equipment).

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. Advanced cardiopulmonary resuscitation. Use of air ducts, laryngeal masks, artificial lung ventilation.

2. Indications for tracheal intubation in children.

3. The technique of performing ventilation with an Ambu bag and a mask, the technique of E-C coverage.

4. Support of airway patency during extended cardiopulmonary resuscitation in children.

5. Indications and technique of defibrillation in children.

6. Provision of vascular access (intravenous, intraosseous - on simulation equipment).

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

“Peculiarities and ethics of communication with a sick child and her parents.

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.

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.