

ODESSA NATIONAL MEDICAL UNIVERSITY

MINISTRY OF HEALTH OF UKRAINE

ODESSA NATIONAL MEDICAL UNIVERSITY

Faculty: medical

(faculty name)

Department of pediatrics №1

(name of department)



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 6 _____

Educational discipline _Selective " Emergency conditions in pediatric allergology»

(name of academic discipline)

Seminar lesson № 1 Topic: " Anaphylactic shock."
(topic name)

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. Natalia BYSHLEY

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 № 1_____

Topic: Anaphylactic shock.

Purpose: Deepening the knowledge and mastering the skills of the clinic and emergency care for anaphylactic shock, obtained in the process 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: Anaphylactic shock. Violation of the function of the immune system. Determining the severity of the disruption of important systems for life.

Equipment: dummy for intramuscular and intravenous injection, syringes, needles, intravenous system, catheter, pulse oximeter, oxygen mask

Study time: 2 hours

Plan

I. Organizational measures (greetings, checking those present, announcing the topic, the purpose of the lesson, motivating applicants to study the topic).

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

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

1. Criteria of anaphylactic shock
2. Anaphylactic shock clinic
3. Tactics of a doctor in case of anaphylactic shock

III. Discussion of theoretical issues:

1. Pathophysiological mechanisms of immune system dysfunction in children.
2. Etiological factors of anaphylactic shock.
3. Anaphylactic shock clinic.
4. Determining the severity of disruption of important systems for life.
5. Emergency care for anaphylactic shock in children.

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

Themes of role play/reports/ summeries

1. Pathophysiological mechanisms of impaired immune system function in children (report, discussion, discussion of reports and review of applicant answers).
2. Criteria for the occurrence of anaphylactic shock (report, discussion, discussion of reports and review of applicant answers).
3. Anaphylactic shock clinic (role play).
4. Determining the severity of disruption of important systems for life (report, discussion, discussion of reports and review of answers)
5. Tactics of a doctor in case of anaphylactic shock in a child (role play).

When preparing a report, role-play, essay, analytical review, etc., applicants of higher educational level can, along with this, prepare didactic visual aids in the form of tables, code diagrams, slides, drawings, portraits of famous specialists, preparations, etc.).

IV. Summing up

List of recommended literature

1. Nelson Textbook of Pediatrics / Edition 2 volume set. Edition: 21st, 2019.
2. Handbook: IMCI integrated management of childhood illness. Electronic resource:

<https://apps.who.int/iris/bitstream/handle/10665/42939/9241546441.pdf?sequence=1&isAllowed=y>

3. Avery's Diseases of the Newborn Book Tenth Edition •2018. Copyright © 2018 Elsevier Inc. All rights reserved. Copyright © 2018 Elsevier Inc. All rights reserved/ No of pages 1656
<https://www.sciencedirect.com/book/9781437701340/averys-diseases-of-the-newborn>
4. Charles A.Pohl, Leonard G.Gomella. Pediatrics On-Call Problems, 2006.
5. Vinod K Paul, Arvind Bagga. Ghai Essential Pediatrics, 8th edition, 2013.