

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 organizing preventive  
vaccinations in children" \_\_\_\_\_ (name of academic discipline)

Seminar class № 1 Topic: Work on the organization and implementation of  
preventive vaccinations in children.

\_\_\_\_\_ (topic title)

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:

Prof. Mykola ARYAYEV as. Diana SELIMKHANOVA. . as. Victoria  
PAVLOVA. \_\_\_\_\_

### **Seminar class № \_\_1\_\_**

**Topic:** Work on the organization and implementation of preventive vaccinations in children.

**Purpose:** To deepen knowledge and master the skills of assessing the physical development of newborn children, 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:** Vaccination. Vaccination calendar. Mandatory vaccines. Recommended vaccines.

**Equipment:** a mannequin for intramuscular, subcutaneous and intradermal injection, syringes, needles, antiseptic wipes, box for safe disposal, gloves.

**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 basic terminology)

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

1. Communication with the child's mother regarding the preparation and vaccination
2. Communication with the child's mother regarding the vaccination schedule.
3. Communication with the child's mother regarding types of vaccines

III. Discussion of theoretical issues:

1. Preparation and vaccination
2. Vaccination calendar.
3. Types of vaccines
4. Vaccination with mandatory and recommended vaccines

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/abstracts

1. Order of the Ministry of Health of Ukraine "On the procedure for carrying out prophylactic vaccinations in Ukraine and quality control and circulation of medical immunobiological preparations" (report, discussion, discussion of reports and review of applicant answers).
2. Types of vaccines: live, inactivated (report, discussion, discussion of reports and review of applicant answers).
3. Preparation for vaccination (role play)
4. Vaccination with mandatory and recommended vaccines (report, discussion, discussion of reports and review of applicant answers).
5. Drawing up a vaccination schedule for children according to the schedule (role play).

When preparing a report, role-play, essay, analytical review, etc., applicants 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 reading

1. Nelson Textbook of Pediatrics / R. M. Kliegman [et al.] ; ed. R. E. Behrman. - 21th ed. - Edinburgh [etc.] : Elsevier, 2020. - Vol. 1. – LXXV.
2. Nelson Textbook of Pediatrics [Text] / R. M. Kliegman [et al.] ; ed. R. E. Behrman. - 21th ed. - Edinburgh [etc.] : Elsevier, 2020. - Vol. 2. - LXXV.

#### **Additionally**

1. E-learning course on Vaccine Safety Basics. Electronic vaccine safety training course <http://vaccine-safety-training.org/>
2. WHO Global Vaccine Safety Page  
[https://www.who.int/vaccine\\_safety/publications/en/](https://www.who.int/vaccine_safety/publications/en/)
3. ACIP General Best Practice Guidelines for Immunization | CDC
4. <https://www.who.int> World Health Organization
5. General principles for vaccine scheduling [cdc.gov/vaccines/hcp/acip-](https://cdc.gov/vaccines/hcp/acip-)

Department of Pediatrics №1, Odessa national medical university

Optional educational discipline "Principles of organizing preventive vaccinations in children"

[recs/general-recs/timing.html](https://www.recs.org/general-recs/timing.html)