

**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 6 \_\_\_\_\_

Selective educational discipline: **"Peculiarities and ethics of communication with a sick child and her parents. Practice communication skills"**

(name of educational discipline)

Seminar lesson No.6 «Disorders of mineral metabolism in children, features of communication with the parents of a child with symptoms of rickets».

(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.

*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. 6**

**Topic:** Disorders of mineral metabolism in children, features of communication with the parents of a child with symptoms of rickets.

**Purpose:** The student's acquisition of additional knowledge and mastery of professional competences and communication skills with the parents of a child with a violation of mineral metabolism, 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:** Algorithm for interviewing parents of a child with a mineral metabolism disorder.

**Equipment:** photos of children with manifestations of rickets and rickets-like diseases, general blood analysis, biochemical blood analysis with indicators of mineral metabolism.

**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 students 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. Algorithm for interviewing parents of a child with a mineral metabolism disorder.
2. Communication with the mother of a child with manifestations of rickets due to insufficient intake of vitamin D (food).
3. Communication with the mother of a child with manifestations of rickets due to impaired absorption of vitamin D (disease of the digestive system).
4. Communication with the mother of a child suffering from a rickets-like disease (phosphate-diabetes, De-Thony-Debrey-Fanconi syndrome, tubulopathies).

III. Discussion of theoretical issues:

1. Algorithm for interviewing parents of a child with a mineral metabolism disorder.
2. Communication with the mother of a child with manifestations of rickets due to insufficient intake of vitamin D (food).
3. Communication with the mother of a child with manifestations of rickets due to impaired absorption of vitamin D (disease of the digestive system).
4. Communication with the mother of a child suffering from a rickets-like disease (phosphate-diabetes, De-Thony-Debrey-Fanconi syndrome, tubulopathies).
5. Interpretation of the results of general and biochemical blood analysis of a child with mineral metabolism disorder.
6. Differential diagnosis of mineral metabolism disorders based on survey and assessment of hemogram results.

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 student answers, etc.

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

1. Communication with the mother of a child with manifestations of rickets due to insufficient intake of vitamin D (food), (role-playing game).
2. Communication with the mother of a child with manifestations of rickets due to impaired absorption of vitamin D (disease of the digestive system), (role-playing game).
3. Communication with the mother of a child suffering from a rickets-like disease (phosphate-diabetes, De-Thony-Debreu-Fanconi syndrome, tubulopathies), (role-playing game).

Students 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.