

Department of pediatrics № 1, Odessa National Medical University

Elective educational discipline «Critical conditions in pediatric endocrinology».

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 KOTIUZHYNKA

" " 2022 y

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

Faculty medical, course 5 _____

Selective educational discipline: "Critical conditions in pediatric endocrinology" _____

(name of academic discipline)

Seminar class № 8 Topic: Diagnosis and peculiarities of the management tactics of children with rickets-like diseases. _____

(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 (Mykola ARYAYEV)

(signature)

(name, surname)

Department of pediatrics № 1, Odessa National Medical University

Elective educational discipline «Critical conditions in pediatric endocrinology».

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 Ludmila SENKIVSKA, Irina TALASHOVA,
Daria USENKO

(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 № 8__

Diagnosis and peculiarities of the management tactics of children with rickets-like diseases.

Purpose: Improvment knowledge on the diagnosis and management of children with rickets-like diseases.

Basic concepts: Phosphate-diabetes in children. Renal tubular acidosis. De-Thony-Debray-Fanconi disease.

Equipment:

Study time: 1 hour

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. Developmental factors and clinical manifestations of phosphate-diabetes in children.
2. Clinical manifestations and diagnostic criteria of renal tubular acidosis.
3. Clinical manifestations and diagnostic criteria of de-Thony-Debray-Fanconi disease.
4. Differential diagnosis of rickets and rickets-like diseases.

III. Discussion of theoretical issues:

1. Problems of diagnosis and treatment of rickets-like diseases in children.
2. Diagnostic criteria and management tactics of children with clinical manifestations of phosphate-diabetes.
3. Diagnostic criteria and management tactics of children with renal tubular acidosis.
4. Diagnostic criteria and management tactics of children with de-Thony-Debray-Fanconi disease.

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.)

Topics of role play/reports/abstracts

1. Features of diagnosis and treatment of children with rickets-like diseases (report, discussion, discussion of reports and review of applicant answers).

2. Features of diagnosis and treatment of children with clinical manifestations of phosphate-diabetes (role play).

3. Features of diagnosis and treatment of children with renal tubular acidosis (role play).

4. Features of diagnosis and treatment of children with de-Thony-Debray-Fanconi disease (role play).

When preparing a report, role-play, 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, drugs, etc.).

IV. Summing up

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. Pediatrics. Differential diagnosis. Urgent conditions edited by Aryaeva ML, Kotova NV, electronic edition on CD.
3. Pediatrics. Differential diagnosis. Emergencies. ML Aryaev, NV Kotova, OO Zelinsky [etc.]; edited by Aryaeva ML, Kotova NV Odessa: ONMedU. - 2017. - 280 p.
4. Pediatrics Textbook in two volumes, ed. ML Aryaeva, NV Kotova. - Vol.1. Neonatology. Hematology. Endocrinology. - Odessa .: ONMedU. - 2014. - 155 p.

Additional:

1. Guideline 00642. Rickets. Printable version of this document:
<http://guidelines.moz.gov.ua/documents/2918?id=ebm00642&format=pdf>
2. Kvashnina L.V. Vitamin D in different periods of childhood: what we know, what we should remember and what we have forgotten. 25.12.2017. Access mode: <https://health-ua.com/article/32672-vtamn-D-urzn-perodi-ditinstva-sho-znamo-sho-treba-pamyatati--sho-zabuli>