

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

Svitlana KOTIUZHYNKA

" 01 " 09 2022

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

Faculty medical, course 6 _____

Academic discipline, selective: "Practical issues of children's cardiology"

Seminar session №8.

Topic: Treatment of arterial hypertension in children.

Approve:

Meeting of the Department of Pediatrics №1 _____

Odesa 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 Victor BIRYUKOV. as. Mykhailo STRELTSOV

*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 session No. 7

Topic: Arterial hypertension in children.

Purpose: To deepen knowledge and master skills the diagnosis and differential diagnosis of arterial hypertension, obtained in the process of studying the subject; promoting the development of creative thinking. The ability to logically express and argue one's thoughts, listen to each other and criticize productively.

Basic concepts: Arterial hypertension. Hypertensive crisis.

Equipment: PAT auscultation simulator.

Study time: 2 hours.

Plan

I. Organizational measures (greetings, checking those present, announcing the topic, 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. Etiopathogenesis of arterial hypertension .
2. Classification of arterial hypertension .
3. Algorithm for the diagnosis of arterial hypertension .
4. Differential diagnosis of primary and secondary arterial hypertension in children.

III. Discussion of theoretical issues:

1. Indicators of arterial hypertension depending on gender and height according to centile nomograms and tables.
2. Algorithm of differential diagnosis of arterial
3. Causes of arterial hypertension in children of different ages.

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. Modern methods of diagnosis of arterial hypertension (report, discussion, discussion of reports and review of applicant answers).
2. Analysis and assessment of arterial hypertension indicators depending on gender and height according to centile nomograms and tables (role-play).

In preparing a report, role-play, abstract, 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

List of recommended literature

The main one

1. Nelson Pediatric Abx 2022

URL: <https://apps.apple.com/ru/app/nelson-pediatric-abx-2022/id1611269134>

Additional

1. High blood pressure in children

URL: <https://www.mayoclinic.org/diseases-conditions/high-blood-pressure-in-children/symptoms-causes/syc-20373440#:~:text=High%20blood%20pressure%20in%20younger,likely%20to%20have%20primary%20hypertension>

2. Hypertension in Children

URL: <https://www.msdmanuals.com/professional/pediatrics/hypertension-in-children/hypertension-in-children>