

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

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2022 y

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

Faculty medical, course 6 _____

Selective educational discipline "Principles of polyclinic observation of a healthy and sick child"

(name of academic discipline)

Seminar class № 7 Topic: Assessment of blood pressure by nomogram.

(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)

Department of Pediatrics №1, Odessa national medical university

Optional educational discipline "Principles of polyclinic observation of a healthy and sick child"

Developers:

Prof. Mykola ARYAYEV as. Diana SELIMKHANOVA. . as. Victoria
PAVLOVA. _____

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 class № __7__

Topic: Assessment of blood pressure by nomogram.

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: Blood pressure. Systolic and diastolic pressure. Sigma and centile nomograms. Rufie test.

Equipment: child's mannequin, tonometer, stopwatch.

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. Rules for blood pressure measuring
2. Assessment of blood pressure
3. Functional tests. Rufie test.

III. Discussion of theoretical issues:

1. Mastering the skills of assessing blood pressure according to sigma and centile nomograms depending on height and gender.
2. Blood pressure nomograms: systolic and diastolic pressure according to height percentiles.
3. Determination of the individual level of the functional state of the child's body using the Rufie test,
4. Mastering the skill of conducting and evaluating the Rufie test.

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. Assessment of blood pressure according to sigma and centile nomograms depending on height and gender. (report, discussion, discussion of reports and review of applicant answers).
2. Development of blood pressure estimation skills according to sigma and centile nomograms depending on height and gender (role play)
3. Individual level of the functional state of the child's body using the Rufie test (report, discussion, discussion of reports and review of applicant answers).
4. Developing the skills of conducting and evaluating the Rufie test (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 Handbook IMCI Integrated Management of Childhood Illness Paperback – May 1, 2006 by World Health Organization (Author)
2. <https://www.who.int/tools/child-growth-standards/standards>