

ODESSA NATIONAL MEDICAL UNIVERSITY

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

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2022 y

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

Faculty medical, course 6 _____

Educational discipline _Selective course " Practical issues of children's pulmonology»

(name of academic discipline)

Seminar lesson №_1_ Topic: " Pneumonia in children."

(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)

(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, as. Natalia BYSHLEY

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 № 1____

Topic: Pneumonia in children.

Purpose: Deepening the knowledge and mastering the skills of diagnosis and treatment of pneumonia in children, obtained in the process 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: Pneumonia in children. Spirometry. Radiographs of children with pneumonia. Auscultation on a dummy. Appointment sheet for pneumonia. Infusion therapy for pneumonia.

Equipment: baby dummy

Study time: 2 hours

Plan

I. Organizational measures (greetings, checking those present, announcing the topic, the purpose of the lesson, motivating applicants of higher educational level 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. Course and complications of pneumonia in children.
2. Diagnosis of pneumonia in children
3. Treatment of children with pneumonia

III. Discussion of theoretical issues:

1. Differential diagnosis of the course and complications of pneumonia in children.
2. Peculiarities of the course of pneumonia in early and older children.
3. Evaluation of external breathing function - spirometry.
4. Description of X-rays in children of different ages with pneumonia.
5. Practicing the skills of auscultation of a sick child on a dummy.
6. Compilation of a prescription sheet for drug treatment with dose calculations for children of various ages with pneumonia.
7. Peculiarities of infusion therapy in children of different ages with pneumonia.

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 applicants of higher educational level answers, etc.)

Themes of role play/reports/ summeries

1. Diagnosis of the course and complications of pneumonia in children (role play).
2. Peculiarities of the course of pneumonia in young and older children (report, discussion, discussion of reports and review of applicants of higher educational level answers).
3. Evaluation of external breathing function - spirometry (role play).
4. Description of radiographs in children of various ages with pneumonia (role play).

5. Practicing the skills of auscultation of a sick child and on a dummy (role play).
6. Compilation of a prescription sheet for drug treatment with dose calculations for children of various ages with pneumonia (role play)
7. Peculiarities of infusion therapy in children of different ages with pneumonia (report, discussion, discussion of reports and review of applicants of higher educational level answers).

When preparing a report, role-play, essay, analytical review, etc., applicants of higher educational level 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 literature

1. Nelson Textbook of Pediatrics / Edition 2 volume set. Edition: 21st, 2019.
2. Handbook: IMCI integrated management of childhood illness. Electronic resource:

<https://apps.who.int/iris/bitstream/handle/10665/42939/9241546441.pdf?sequence=1&isAllowed=y>

3. Avery's Diseases of the Newborn Book Tenth Edition •2018. Copyright © 2018 Elsevier Inc. All rights reserved. Copyright © 2018 Elsevier Inc. All rights reserved/ No of pages 1656
<https://www.sciencedirect.com/book/9781437701340/averys-diseases-of-the-newborn>
4. Charles A.Pohl, Leonard G.Gomella. Pediatrics On-Call Problems, 2006.
5. Vinod K Paul, Arvind Bagga. Ghai Essential Pediatrics, 8th edition, 2013.