

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 "Emergency conditions in pediatric allergology»

(name of academic discipline)

Seminar lesson №__6_ Topic: "Broncho-obstructive syndrome."
(topic name)

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:

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 № 6_____

Topic: Broncho-obstructive syndrome.

Purpose: Deepening the knowledge and mastering the skills of the clinic and emergency care for broncho-obstructive syndrome, 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: Bronchoobstructive syndrome. Stenosing laryngotracheitis, foreign body of the respiratory tract, asthma, cystic fibrosis. Ensuring patency of the respiratory tract.

Equipment: mannequin to ensure the patency of the respiratory tract, pulse oximeter, oxygen mask, Ambu bag, spacer

Study time: 2 hours

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. Bronchial obstruction syndrome in children.
2. Differential diagnosis of broncho-obstructive syndrome.
3. Ensuring patency of the respiratory tract.

III. Discussion of theoretical issues:

1. Bronchoobstructive syndrome. Etiology, pathogenesis, classification, clinic, diagnosis.
2. Differential diagnosis (stenotic laryngotracheitis, foreign body of the respiratory tract, asthma, cystic fibrosis).
3. Mastering the practical skill of ensuring airway patency using a mask or an Ambu bag on simulation equipment.

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 answers, etc.)

Themes of role play/reports/ summeries

1. Etiology, pathogenesis, classification, clinic, diagnosis of broncho-obstructive syndrome (report, discussion, discussion of reports and review of answers).
2. Differential diagnosis (stenotic laryngotracheitis, foreign body of the respiratory tract, asthma, cystic fibrosis) (report, discussion, discussion of reports and review of answers).
3. Tactics of a doctor with broncho-obstructive syndrome (role play).
4. Ensuring patency of the respiratory tract using a mask or an Ambu bag on simulation equipment (acquiring practical skills).

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.