

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

prof. „ „

Svitlana KOTIUZHYNKA

_____ 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 №__7_ Topic: " Asthmatic status."

(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 № 7____

Topic: Asthmatic status.

Purpose: Deepening the knowledge and mastering the skills of the clinic and emergency care for asthmatic status, 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: Asthmatic status. Assessment of the severity of the child's condition. 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. Asthmatic status in children.
2. Differential diagnosis of asthmatic status.
3. Severity of the child's condition according to the results of objective and laboratory examination.
4. Ensuring patency of the respiratory tract.

III. Discussion of theoretical issues:

1. Asthmatic status. Etiology, pathogenesis, classification, clinic, diagnosis.
2. Assessment of the severity of the child's condition based on the results of objective and laboratory examination.
3. Provision of emergency care for asthmatic status.
4. Performing airway patency using a mask or 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 applicant answers, etc.)

Themes of role play/reports/ summeries

1. Etiology, pathogenesis, classification, clinic, diagnosis of asthmatic status (report, discussion, discussion of reports and review of answers).
2. Assessment of the severity of the child's condition based on the results of objective and laboratory examination. (report, discussion, discussion of reports and review of answers).
3. Tactics of a doctor in asthmatic status (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.