

MINISTRY OF HEALTH PROTECTION OF UKRAINE  
ODESSA NATIONAL MEDICAL UNIVERSITY

Faculty of medicine

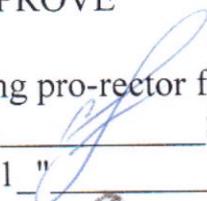
*(faculty name)*

Department of Pediatrics № 1

*(name of department)*

I APPROVE

Acting pro-rector for scientific and pedagogical work

Prof.  Svetlana KOTIUZHYNska

" 01 " 09 2022



METHODOLOGICAL RECOMMENDATION  
TO SEMINAR LESSON  
FROM THE EDUCATIONAL DISCIPLINE

Faculty of Medicine, course 6 \_\_\_\_\_

Educational discipline - **Selective course "Integrated management of childhood  
illness**

**(IMCI)»**

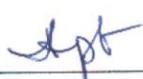
\_\_\_\_\_  
*(name of academic discipline)*

**Seminar lesson №\_\_1\_\_ Topic:** "Algorithm of actions in the context of IMCI of a  
child aged 2 months to 5 years with: cough, difficulty breathing, ear problem, throat  
problem, fever."

Approved:

The meeting of the department \_\_\_\_\_  
Odessa National Medical University

Protocol № \_\_\_ of " \_\_\_ " \_\_\_\_\_ 20\_\_

Head of the department  \_\_\_\_\_ (Mykola ARYAYEV)  
*(signature) (First name, last name)*

Developers:

*(indicate surnames, scientific degrees, scientific titles and positions of developers;  
everyone who teaches the specified academic discipline must be among the developers)*

\_\_\_ Assoc. Yulia DESYATSKA, Assoc. Laris KAPLINA, Assistant Byshliei N.A.,

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*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:** Algorithm of actions in the context of IMCI of a child aged 2 months to 5 years with: cough, difficulty breathing, ear problem, throat problem, fever.

**Purpose:** The applicant acquires additional knowledge and mastery of professional competencies and skills of observation of a sick child aged 2 months to 5 years with: cough, difficulty breathing, ear problem, throat problem, fever by a family doctor based on the competencies obtained during the study of previous disciplines.

**Basic concepts:** Algorithm of actions in the context of IMCI, ear problem, throat problem, fever, cough, difficulty breathing.

**Equipment:** a dummy of a child, Multimedia, PowerPoint presentation, Notebook.

### Plan:

I. Organizational moment (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).

### 3. Formation of professional skills and abilities (mastery of communication skills, clinical examination, determination of treatment regimen, laboratory research, etc.)

mastering skills:

1. Communicating with the mother, using effective communication and counseling skills, identifying danger signs.

2. Algorithm of Integrated management of childhood illness in children aged from 2 months to 5 years of life.

3. Observation of a sick child aged from 2 months to 5 years with a cough according to the algorithm of the Integrated management of childhood illness in children aged from 2 months to 5 years of life.

4. Observation of a sick child aged 2 months to 5 years with difficulty breathing according to the algorithm of Integrated management of childhood illness in children aged 2 months to 5 years.

5. Observation of a sick child aged 2 months to 5 years with an ear problem according to the algorithm of Integrated management of childhood illness in children aged 2 months to 5 years.

6. Observation of a sick child aged 2 months to 5 years with a throat problem according to the algorithm of Integrated management of childhood illness in children aged 2 months to 5 years.

7. Observation of a sick child aged 2 months to 5 years with fever according to the algorithm of Integrated management of childhood illness in children aged 2 months to 5 years.

8. Solving clinical situational problems, practicing patient examination skills, demonstrating and practicing the skills of performing manipulations, training and

practicing skills on simulation dummies, training exercises on the diagnosis of the most common diseases in children.

4. **Summing up:** testing, differential assessment.
5. **List of recommended literature**(main, additional, electronic information resources):

**The main one:**

1. Nelson textbook of pediatrics, 2 volume set. Edition: 21st, 2019. PDF format.  
<http://pediacalls.com/e-books/nelson-textbook-of-pediatrics-21st-edition/>
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 Neonatology: Pathophysiology and Management of the Newborn Seventh Edition / by Mhairi G. MacDonald MBChB DCH FRCPE FAAP, Mary M.K. Seshia MBChB DCH FRCPE FRCPCH.-Sep 4, 2015.
4. 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>

**Additional:**

1. Pediatrics :. In 2 vols. / Nat .. hand-in. - Vol.1 (+ CD) - M .: GEOTAR-Media, 2009. - 1024 p.
2. Pediatrics :. In 2 volumes Vol.2 (+ CD) - M .:GEOTAR-Media, 2009. - 1024 p.
3. The GALE Encyclopedia of Children's Health: Infancy Through Adolescence / ed. by JL Longe. - 2th ed. - Gale Group, 2011. - 2623 p.
4. Pediatrics for Medical Applicants / ed. by D. Bernstein, S. Shelov. - 3rd ed. - Lippincott Williams & Wilkins, 2012. - 738 p.
5. Integrative Pediatrics / ed. by TP Culbert, K. Olness. - Oxford University Press, 2010. - 718 p.

**Electronic information resources:**

1. <https://www.pediatrics.od.ua/>
2. <http://moz.gov.ua>

3. [https://moz.gov.ua/article/ministry-mandates/nakaz-moz-ukraini-vid-14092021--1945-pro-zatverdzhennja-unifikovanogo-klinichnogo-protokolu-pervinnoi-medichnoi-dopomogi-integrovane-vedennja-hvorob -ditjachogo-viku](https://moz.gov.ua/article/ministry-mandates/nakaz-moz-ukraini-vid-14092021--1945-pro-zatverdzhennja-unifikovanogo-klinichnogo-protokolu-pervinnoi-medichnoi-dopomogi-integrovane-vedennja-hvorob-ditjachogo-viku)
4. <http://pediacalls.com/e-books/nelson-textbook-of-pediatrics-21st-edition/>
5. <https://www.ama-assn.org/about>
6. <https://www.facebook.com/AmericanMedicalAssociation/>
7. [www.oapn.od.ua](http://www.oapn.od.ua)
8. [www.who.int](http://www.who.int)
9. <https://www.dec.gov.ua/mtd/home/>
10. <https://www.dec.gov.ua/mtd/home/>
11. <http://bma.org.uk>
12. <http://www.gmc-uk.org>
13. <http://www.bundesaerztekammer.de>
14. International Pediatric Association (IPA)  
[https://www.who.int/workforcealliance/members\\_partners/member\\_list/ipa/en/](https://www.who.int/workforcealliance/members_partners/member_list/ipa/en/)