

BOHOMOLETS NATIONAL MEDICAL UNIVERSITY

**GUIDELINES
for lecture**

« Acute respiratory infections of upper respiratory tract and acute bronchitis in children »

Academic discipline

«Pediatrics, including medical practice (professional training) childhood diseases»

Field of knowledge: 22 "Health care"

Specialty: 222 "Medicine"

Department of Pediatrics No 2

Approved at the meeting of the Department of Pediatrics No. 2 on August 26, 2024, protocol No. 1

Considered and approved by: Cyclic methodological commission for pediatric disciplines
dated 29 August 2024, protocol No 1

Competencies that are formed during the lecture:

skills of interviewing and clinical examination of a patient with ARVD pathology and acute bronchitis in children. The ability to determine the necessary list of laboratory and instrumental studies and evaluate their results in the pathology of upper respiratory tract in children. Ability to establish preliminary and clinical diagnoses. The ability to determine the necessary mode of study, work and rest of healthy children and in the treatment of acute respiratory viral infections and acute bronchitis in children. The ability to determine the nature of the nutrition of healthy children and in the treatment of ARVD and acute bronchitis. The ability to carry out sanitary and hygienic and preventive measures in patients with ARVD and acute bronchitis. Ability to maintain medical records

The purpose of the lecture:

formation of skills and application of knowledge from the lecture "Acute respiratory infections of the upper respiratory tract in children. Acute bronchitis in children", by introducing students to modern views on the problem for their further education and the use of knowledge in their future professional activity

Equipment: lecture hall with acoustic amplification, equipment (tablets, laptops, stands for modeling).

The task of the lecture:

1. To provide information about the etiological factors of the most common acute respiratory viral diseases and acute bronchitis in children.
2. To consider the pathogenetic links of ARVI and acute bronchitis in children.
3. To acquaint students in detail with the main clinical symptoms of the most common ARVI and acute bronchitis in children.
4. To familiarize with the principles of diagnosis, prevention and treatment of ARVI and acute bronchitis in children.
6. To acquaint the listeners with the treatment of ARVI and acute bronchitis.

Lecture plan

The name of the stage	Description of the stage	Levels of assimilation	Timing
1. The introductory part	- announcement of the plan and main issues of the lecture - motivation for studying the topic	*	5 min
2. The main stage	- teaching material, explanation, connection with practice;	* **	80 min
3. The final stage	- summing up - general conclusion; methodical advice, answers to questions; - tasks for independent work;	*	5 min

* Introductory, **Reproductive, *** Reconstructive, **** Creative levels of assimilation.

Recommended Books:

1. Nelson Textbook of Pediatrics, 2-Volume set, 21-th edition. By Robert M. Kliegman, Bonita M.D. Stanton, Joseph St. Geme and Nina F Schor. – Philadelphia, PA : Elsevier Inc., 2020 - 4264 p. (2217-2220, 2266-2274)
ISBN-10 : 032352950X ISBN-13 : 978-0323529501
2. Pediatrics : textbook / O. V. Tiazhka, T. V. Pochinok, A. M. Antoshkina [et al.] ; edited by O. Tiazhka. – 3 rd edition, reprint. – Vinnytsia : Nova Knyha, 2018. – 544 pp. (pp. 230-265) : il.
ISBN 978-966-382-690-5

Questions for student self-preparation for the lecture

1. Describe the pathological conditions called "Acute respiratory viral infection; acute bronchitis".
2. Etiology and pathogenesis of acute respiratory viral infections (ARVI)

Questions for preparing for the current control, which the lecture material reveals:

1. Peculiarities of the clinical picture of ARVI in children, treatment and prevention depending on the etiological factor
2. Acute bronchitis: classification, diagnostic criteria, treatment

Methodical development is completed by

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