

**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

Svitlana KOTIUZHYNKA

" 01 " 09 2022

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

Faculty medical, course 6 \_\_\_\_\_

**Academic discipline, selective:** "Practical issues of children's cardiology"

**Seminar session №5.**

**Topic:** Cardiomegaly in children with carditis and cardiomyopathies .

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:

*(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 Victor BIRYUKOV. as. Mykhailo STRELTSOV

*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 No. 5**

**Topic:** Cardiomegaly in children with carditis and cardiomyopathies .

**Purpose:** To deepen knowledge and master the skills of diagnosis and differential diagnosis of carditis and cardiomyopathies 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:** Cardiomegaly. Cardiomyopathies. Carditis. Acute heart failure.

**Equipment:** PAT auscultation simulator Basic .

**Study time:** 2 hours.

### **Plan**

**I. Organizational measures** (greetings, checking those present, announcing the topic, 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. Etiopathogenesis of the development of carditis (myocarditis, endocarditis, pericarditis) .
2. Classification and characteristics of cardiomyopathies .
3. Carditis and cardiomyopathies diagnosis algorithm .
4. Treatment of carditis and cardiomyopathies , calculation of liquor drugs.

### **III. Discussion of theoretical issues:**

1. Description and interpretation of radiographs of chest organs in children with carditis and cardiomyopathy .
2. ECG analysis in children with carditis and cardiomyopathies .
3. Differential diagnosis of carditis and cardiomyopathies in children.
4. Algorithm for providing emergency medical care in acute heart failure.

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-lay/reports/abstracts**

1. Modern methods diagnosis of carditis and cardiomyopathies (report, discussion, discussion of reports and review of applicant answers).
2. Diagnosis and management of carditis in children (role-play).
3. Diagnosis and management of cardiomyopathies in children (role-play).
4. Provision of emergency medical care for acute heart failure (rol- play).

When preparing a report, role-play, abstract, analytical review, etc., applicants can, along with this, prepare didactic visual aids in the form of tables, code diagrams , slides, drawings, portraits of famous specialists, drugs, etc.).

### **IV. Summing up**

**List of recommended literature**

**The main one**

1. Nelson Pediatric Abx 2022

URL: <https://apps.apple.com/ru/app/nelson-pediatric-abx-2022/id1611269134>

**Additional**

1. Cardiomyopathy in Children: Classification and Diagnosis: A Scientific Statement From the American Heart Association

URL: <https://www.ahajournals.org/doi/10.1161/CIR.0000000000000682>

2. Myocarditis – pediatric

URL: <https://medlineplus.gov/ency/article/007307.htm>