

Department of pediatrics № 1, Odesa National Medical University

Elective educational discipline «Child abuse syndrome. Sudden infant death syndrome. Sudden cardiac death».

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 KOTIUZHYNska

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2022 y

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

Faculty medical, course 6 _____

Selective educational discipline: : " Child abuse syndrome. Sudden infant death syndrome.
Sudden cardiac death " _____

(name of academic discipline)

Seminar class № 7 Topic: Prevention and treatment of diseases and conditions in which
sudden cardiac death syndrome most often develops. _____
(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:

(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 Ludmila SENKIVSKA, Irina TALASHOVA,
Daria USENKO

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: Prevention and treatment of diseases and conditions in which sudden cardiac death syndrome most often develops

Purpose: Improvement knowledge about the prevention and treatment of diseases and conditions in which sudden cardiac death syndrome develops most often in children.

Basic concepts: Sudden cardiac death syndrome. Heart failure. Hypertrophic cardiomyopathy, dilated cardiomyopathy. Myocarditis in children. Aortic stenosis, mitral valve prolapse. Impulse conduction disorders, Wolff-Parkinson-White syndrome, syndrome of prolonged QT interval, abnormal development of coronary arteries, sports heart.

Equipment:

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. Tactics of managing heart failure in children.
2. Tactics of managing hypertrophic and dilated cardiomyopathy in children.
3. Features of treatment of myocarditis in children.
4. Peculiarities of medical tactics in the management of children with conduction disorders, Wolff-Parkinson-White syndrome, long QT interval syndrome.
5. Peculiarities of treatment tactics for abnormal development of coronary arteries, sports heart in children.

III. Discussion of theoretical issues:

1. Features of treatment and prevention of heart failure in children.
2. Features of treatment and prevention of hypertrophic and dilated cardiomyopathy in children.
3. Features of treatment and prevention of myocarditis in children.
4. Features of treatment and prevention of conduction disorders, Wolff-Parkinson-White syndrome, long QT interval syndrome in children.
5. Features of treatment and prevention of abnormal development of coronary arteries, sports heart in children.

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.)

Topics of role play/reports/abstracts

1. Features of providing medical care for heart failure in children, prevention of sudden cardiac death syndrome in children (role play).
2. Peculiarities of providing medical care for impulse conduction disorders, Wolff-Parkinson-White syndrome, long QT interval syndrome in children, prevention of sudden cardiac death syndrome (role play).
3. Peculiarities of providing medical care for abnormal development of coronary arteries, sports heart in children, prevention of sudden cardiac death syndrome in children (role play).
4. Peculiarities of providing medical care for hypertrophic and dilated cardiomyopathy in children,

prevention of sudden cardiac death syndrome in children (role play).

When preparing a report, role-play, 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

Recommended literature

Basic:

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. Pediatrics. Differential diagnosis. Urgent conditions edited by Aryaeva ML, Kotova NV, electronic edition on CD.
3. Pediatrics. Differential diagnosis. Emergencies. ML Aryaev, NV Kotova, OO Zelinsky [etc.]; edited by Aryaeva ML, Kotova NV Odessa: ONMedU. - 2017. - 280 p.
4. Pediatrics Textbook in two volumes, ed. ML Aryaeva, NV Kotova. - Vol.1. Neonatology. Hematology. Endocrinology. - Odessa.: ONMedU. - 2014. - 155 p.

Additional:

1. Order of the Ministry of Health of Ukraine No. 1269 dated June 5, 2019 "Emergency medical care: pre-hospital stage. New clinical protocol"
2. Forensic medical (macro- and microscopic) diagnosis of sudden cardiac death of persons of youthful and young age caused by connective tissue dysplasia (methodical recommendations) V.D. Mishalov, S.V. Kozlov, O.I. Shandyga-Glushko. Kyiv - 2012.-16 p
3. Unified clinical protocol of emergency medical care "Sudden cardiac death". Order of the Ministry of Health No. 34 dated 15.01.2014 "On the approval and implementation of medical and technological documents on the standardization of emergency medical care"
4. Caglar D (2012). Chapter 78. syncope and sudden death in children and adolescents. Cline D.M., & Ma O, & Cydulka R.K., & Meckler G.D., & Handel D.A., & Thomas S.H.(Eds.), *Tintinalli's Emergency Medicine Manual, 7e*. McGraw Hill. Copyright © 2018 by McGraw-Hill Education
<https://accessemergencymedicine.mhmedical.com/content.aspx?bookid=521§ionid=41069006>
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