

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 KOTIUZHYNska

"

"

2022 y

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

Faculty medical, course 6 _____

Selective educational discipline: " Emergency pediatric care for bleeding, accidents and poisoning.
Practicing skills on simulation equipment"

Seminar session №4.

Topic: Burns and electric shock .

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 session No. 4

Topic: Burns and electric shock.

Purpose: To deepen knowledge and master the skills of providing medical assistance to children with burns and electric shock, 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: Burns . Damage severity index. Emergency care for a child with heat damage. Peculiarities of the caveat when providing assistance.

Equipment: a child's mannequin.

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. The concept of care and its types .
2. Causes and mechanism of burn development.
3. Methods of assessment of the affected part of the body .
4. Emergency care for a child with thermal damage .
5. Injury by electric current .

III. Discussion of theoretical issues:

1. Assessment of the lesion severity index.
2. Algorithm of emergency medical care for a child with thermal damage .
3. Methods of anaesthetising the patient.
4. Peculiarities of the caveat when providing assistance.

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/abstracts

1. Medicinal assistance to a child with a burn of varying degrees of severity (report, discussion, discussion of reports and review of applicant answers).
2. Diagnosis and provision of emergency medical aid to a child with thermal injury (role play).
3. Diagnosis and provision of emergency medical aid to a child with electric shock injury (role play).

In 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. Electric Shock Injuries in Children

URL: <https://www.healthychildren.org/English/health-issues/injuries-emergencies/Pages/Electric-Shock.aspx#:~:text=Treatment,of%20damage%20to%20internal%20organs.>