

**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 №7**


**Topic:** Emergency medical care, toxic emergencies

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. 7**

**Topic:** Emergency medical care, toxic emergencies.

**Purpose:** To deepen knowledge and master the skills of providing medical care in acute renal failure, obtained in the process of studying the subject; promoting the development of creative thinking. The ability to logically express and argue one's thoughts, listen to each other and criticize productively.

**Basic concepts:** Toxic emergencies. Acute renal failure.

**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. Toxic urgent states.
2. Etiopathogenesis of acute renal failure .
3. Classification of acute renal failure.
4. Clinical and laboratory changes in acute cases renal deficiencies .

**III. Discussion of theoretical issues:**

1. Differential diagnosis of acute renal failure.
2. Algorithm of emergency care in acute cases renal deficiencies .

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. Modern approaches to the treatment of acute renal failure (report, discussion, discussion of reports and review of applicant answers).
2. Diagnosis and management of acute renal failure (role-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. Acute Renal Failure in paediatrics (management and investigation)**

URL: <https://www.clinicalguidelines.scot.nhs.uk/nhsrggc-guidelines/nhsrggc-guidelines/kidney-diseases/acute-renal-failure-in-paediatrics-management-and-investigation/>

#### **2. First Aid for Poisonings in a Child**

URL: <https://www.stanfordchildrens.org/en/topic/default?id=first-aid-for-poisonings-in-a-child-90-P02815>