



## First medical aid

<b>1. IMPRINT</b>	
<b>Academic Year</b>	2024/2025
<b>Department</b>	Faculty of Medicine and Dentistry
<b>Field of study</b>	English Dentistry Division
<b>Main scientific discipline</b>	Medical sciences
<b>Study Profile</b>	General Academic
<b>Level of studies</b>	Uniform MSc
<b>Form of studies</b>	Full time studies
<b>Type of module / course</b>	Obligatory
<b>Form of verification of learning outcomes</b>	Completion
<b>Educational Unit / Educational Units</b>	Department of Internal Medicine and Cardiology Lindleya 4, 02-005 Warsaw Tel: 22 502 11 44 e-mail: kchwk@wum.edu.pl

**Załącznik nr 4C do Procedury opracowywania i okresowego przeglądu programów studiów  
(stanowiącej załącznik do zarządzenia nr 68/2024 Rektora WUM z dnia 18 kwietnia 2024 r.)**

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<b>2. BASIC INFORMATION</b>			
<b>Year and semester of studies</b>	IV year. VII semester	<b>Number of ECTS credits</b>	0,4
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)			
Seminar (S)		2	0,1
Discussions (D)			
e-learning (e-L)			
Practical classes (PC)		3	0,1
Work placement (WP)			

<b>Unassisted student's work</b>		
Preparation for classes and completions	6	0,2

<b>3. COURSE OBJECTIVES</b>	
C.1.	To remind and acquire by a student of the medical and dental faculty the ability to take quick diagnostic and therapeutic actions in life-threatening situations. Performing BLS resuscitation. Treatment for choking.

<b>4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING</b>	
<b>Code and number of effect of learning in accordance with standards of learning</b>	<b>Effects in time</b>
<b>Knowledge – Graduate* knows and understands:</b>	
E.W17.	causes and mechanisms of circulatory and respiratory arrest and principles of resuscitation and post-reanimation procedures
E.W18.	life-threatening conditions
E.W.20.	cases in which the patient should be referred to hospital
<b>Skills– Graduate* is able to:</b>	
E.U2.	assess and describe the somatic and mental state of the patient;
E.U8.	recognize the risk of life-threatening;
E.U9.	describe and recognize the symptoms of shock and acute heart failure;

<b>5. ADDITIONAL EFFECTS OF LEARNING</b>	
<b>Number of effect of learning</b>	<b>Effects of learning in time</b>
<b>Knowledge – Graduate knows and understands:</b>	
K1	-
<b>Skills– Graduate is able to:</b>	
S1	-

**Social Competencies – Graduate is ready for:**

SC1	-
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**6. CLASSES**

Form of class	Class contents	Effects of Learning
Seminar 1	General principles of BLS resuscitation in adults and children according to ERC 2021 standards. Automatic external defibrillator. Fixed lateral position. Choking. Discussion of basic resuscitation procedures, proper technique of performing them, use of AED and its role in resuscitation. Paying attention to the ability to recognize sudden cardiac arrest and return to a hemodynamically efficient rhythm. Presentation of the differences in resuscitation in children. Also, ways to respond to choking. Presentation of the fixed lateral position and its importance in securing an unconscious person.	E.W17., E.W18., E.W20., E.U8., E.U9.
Seminar 2	First aid in the dental office - specificity, requirements. Special situations: shock, anaphylaxis, etc. The seminar covers the most common health and life-threatening emergencies that occur in a dental office. The management will be analyzed based on clinical cases. The differences in BLS and ALS resulting from the place of the incident will be indicated.	E.W17., E.W18., E.W20., E.U8., E.U9.
Practical classes	C1-C2 - Exercises on mannequins, use of AED, choking, lateral fixed position - Part 1. Exercises in the exercise room using mannequins, automatic external defibrillators and other equine equipment to save human health and life.	E.W17., E.W20., E.U2., E.U8., E.U9.
Practical classes	C1-C2 - Exercises on mannequins, use of AED, choking, lateral fixed position - Part 2. Exercises in the exercise room using mannequins, automatic external defibrillators and other equine equipment to save human health and life.	E.W17., E.W20., E.U2., E.U8., E.U9.

**7. LITERATURE**

**Obligatory**

1. Textbook of Adult Emergency Medicine, George Jelinek, Anne-Maree Kelly, Anthony F. T. Brown
2. Wytyczne Europejskiej i Polskiej rady Resuscytacji z 2021 roku. [https://www.prc.krakow.pl/wytyczne\\_2021.html](https://www.prc.krakow.pl/wytyczne_2021.html)
3. Podstawy resuscytacji oddechowo-kръżeniowej. Aktualny stan wiedzy. Pod redakcją DA Kosiora, T Łazowskiego, P Pruszczyka. Termedia 2016

**Supplementary**

Textbook of Paediatric Emergency Medicine, Peter Cameron, George Jelinek, Ian Everitt, Gary J. Browne, Jeremy Raftos

**8. VERIFYING THE EFFECT OF LEARNING**

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
E.W17., E.W18., E.W20., E.U2., E.U8., E.U9.	During classes, assistants check knowledge of the applicable material from indicated sources of knowledge and textbooks. On the last day of classes at the Clinic, the test will be based on attendance and practical skills from the exercises.	Attendance at all classes, active participation in seminars and exercises. Passing without grades.

## **9. ADDITIONAL INFORMATION**

Classes are held according to the schedule from the Dean's Office in the Clinic's seminar room (ul. Lindleya 4, pavilion 3, 2nd floor). Attendance at all exercises is mandatory. Absences require credit by completing the outstanding material with the teaching assistant, preparing a presentation on a given topic and/or making up classes with another group. The final 10 minutes of the last class will be devoted to students completing the Class and Academic Teacher Assessment Survey.

If you fail to pass a course with the teaching assistant, you must take a make-up test on the date agreed with the course coordinator. In the event of failure to pass a make-up examination, a re-assessment examination with the participation of the Head of the Clinic is ordered.

Before starting classes, students leave their outerwear in the clinic's student locker room. In case of unfavorable weather conditions, students are obliged to change their shoes. Coats are not required.

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### **ATTENTION**

The final 10 minutes of the last class in the block/semester/year should be allocated to students' Survey of Evaluation of Classes and Academic Teachers