



Syllabus for academic year: 2021/2022 Training cycle: 2021/2022-2026/2027													
Description of the course													
Course	Medical First Aid with Elements of Nursing							Group of detailed education results					
								Group code F	Group name GENERAL CLINICAL SCIENCES (NON-SURGICAL)				
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	<input checked="" type="checkbox"/> uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	<input checked="" type="checkbox"/> full-time <input type="checkbox"/> part-time												
Year of studies	I						Semester:	<input checked="" type="checkbox"/> winter <input type="checkbox"/> summer					
Type of course	<input checked="" type="checkbox"/> obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Department of Anaesthesiology and Intensive Therapy													
Direct (contact) education ¹		10					10						
Distance learning ²													
Summer semester:													
..... (Dep. in charge of the course)													

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



Direct (contact) education														
Distance learning														
TOTAL per year:														
Department of Anaesthesiology and Intensive Therapy														
Direct (contact) education		10						10						
Distance learning														
Educational objectives C1. Acquisition of knowledge in the following field: recognizing a sudden life-threatening conditions, performing BLS-CPR according to current guidelines, the use of automated external defibrillators AED, the rules for the assessment of vital functions, the rules of care for the sick and unconscious victims and the rules of transport of accident victims. C2. Preparing the student for independent activities in the field of cardiopulmonary resuscitation. C3. Preparing the student for first aid in a life-threatening condition. C4. Preparing the student to perform basic nursing procedures. C5. Development social competences needed to practice the medical profession, in accordance with graduate's profile.														
Education result for course in relation to verification methods of the intended education result and the type of class:														
Number of detailed education result	Student who completes the course knows/is able to							Methods of verification of intended education results	Form of didactic class <i>*enter the abbreviation</i>					
F.W7	Student knows the cardiopulmonary resuscitation guidelines for newborns, children and adults							<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u> Assessment of preparation for classes	CSC					
F.W8	Student knows the principles of operation of the integrated system of the State Medical Rescue Services								CSC					
F.U4	Student is able to dress a simple wound, apply and change a sterile surgical dressing								CSC					
F.U5	Student is able to insert intravenous line								CSC					
F.U8	Student is able to perform temporary immobilisation of the limb, choose the type of immobilisation necessary for use in typical clinical situations and check the supply of the blood to the limb after applying immobilisation dressing								CSC					
F.U9	Student is able to treat external bleeding								CSC					
F.U10	Student is able to perform basic resuscitation using an automated external defibrillator and other emergency procedures as well as first aid;								CSC					
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning														
Student's amount of work (balance of ECTS points):														
Student's workload (class participation, activity, preparation, etc.)										Student Workload				
1. Number of hours of direct contact:										20				



2. Number of hours of distance learning:	
3. Number of hours of student's own work:	7,5
4. Number of hours of directed self-study	n/a
Total student's workload	27,5
ECTS points for course	1,0
Content of classes: (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)	
Lectures n/a	
Seminars: <ol style="list-style-type: none">1. Recognition of a threat to life or health. Mechanisms of emergence of sudden life or health threats and their symptoms. Arranging and providing first aid.2. Outline of the pathophysiology of cardiac arrest, etiology of sudden cardiac arrest in adults and children.3. Types of first aid. "Chain of survival" - algorithms of conduct. First aid safety. Legal aspects of saving lives.4. Assessment of basic human life functions in a state of health emergency. The definition of shock.5. Introduction to electrotherapy of sudden cardiac arrest.	
Classes <ol style="list-style-type: none">1. An algorithm for conducting cardiopulmonary resuscitation in adults with the use of AEDs based on the guidelines of the European Resuscitation Council2. Algorithm for conducting cardiopulmonary resuscitation in children of different ages using AED based on the guidelines of the European Resuscitation Council3. Ventilation, instrumentless and instrumental clearing the airways.4. Principles of first aid in special situations: injuries, hemorrhages, poisoning.5. Monitoring of vital functions - non-instrumental and instrumental. Caring for the sick - basic rules (toilet, feeding). Injections (injections) - types of needles, preparation, precautions, types of injections (intradermal, subcutaneous, intramuscular, intravenous). Intravenous infusions - infusion solutions, preparation of drip infusion, intravenous catheters (cannulas), insertion of a cannula, care of the injection site. Principles of urinary bladder catheterization. Principles of aspirating secretions from the respiratory tract in a patient with artificial airways. Passing the classes - a final test.	
Other n/a	
Basic literature (list according to importance, no more than 3 items) <ol style="list-style-type: none">1. ERC 2015 Guidelines for Adult Basic Life support and Paediatric Basic Life support.2. Oxford Handbook of Accident and Emergency Medicine, II Edition 2005, Oxford	
Additional literature and other materials (no more than 3 items) <ol style="list-style-type: none">1. Handbook of First Aid and Emergency Care, Revised Edition. AMA, Leikin JB, Feldman BJ. Random House, USA, 2000.	
Preliminary conditions: (minimum requirements to be met by the student before starting the course) Preparation for classes from the recommended textbook and guidelines	
Conditions to receive credit for the course: (specify the form and conditions of receiving credit for classes included in the course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades) The condition to receive credit for the course is to attend all classes in accordance with the Study Regulations. In the case of an excused absence - the student is obligated to make up the classes after prior agreement with the teaching adjunct. Each absence must be made up, including rector days and dean's hours - the way and form of doing the classes after prior arrangement with a teaching adjunct. Completion of classes - The single-choice final test -20 questions, including 15 questions to test the acquired	



knowledge and 5 questions to test the ability to use the knowledge on specific examples. Credits and exams take place in direct contact with an academic teacher or using electronic means of communication.

Grade:	Criteria for courses ending with a grade ³
Very Good (5.0)	has knowledge of each of the content of education at the level of 90% -100%
Good Above (4.5)	has knowledge of each of the content of education at the level of 84%-89%
Good (4.0)	has knowledge of each of the content of education at the level of 77%-83%
Satisfactory Plus (3.5)	has knowledge of each of the content of education at the level of 70%-76%
Satisfactory (3.0)	has knowledge of each of the content of education at the level of 60%-69%
	Criteria for courses ending with a credit ³
Credit	Does not apply to the Faculty of Medicine

Grade:	Criteria for exam ³
Very Good (5.0)	
Good Above (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Department in charge of the course:	Chair and Department of Anaesthesiology and Intensive Therapy
Department address:	50-556 Wrocław, ul. Borowska 213
Telephone:	71 733 23 10
E-Mail:	kai@umed.wroc.pl

Person in charge for the course:	Waldemar Goździk, MD, Professor, Ph. D
Telephone:	71 733 23 10
E-Mail:	waldemar.gozdziak@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Małgorzata Grotowska	MD	Medicine	physician; u.t.	CSC
Tomasz Skalec	MD, Ph.D	Medicine	physician; u.t.	CSC
Marek Wełna	MD, Ph.D	Medicine	physician; u.t.	CSC
Magdalena Kośmider-Żurawska	MD	Medicine	physician; u.t.	CSC
Anna Kupiec	MD, Ph.D	Medicine	physician; u.t.	CSC
Maciej Tyszko	MD	Medicine	physician; u.t.	CSC

Date of Syllabus development
28.06.2021

Syllabus developed by
B.Barteczko-Grajek, MD, Ph.D

³ The verification must cover all education results, which are realized in all form of classes within the course



Uniwersytet Medyczny we Wrocławiu
KATEDRA / KLINIKA ANESTEZJOLOGII
Signature of Head(s) of teaching unit(s)
 kierownik

dr hab. n. med. Waldemar Goździk, prof. nadzw.

Dean's signature

Wrocław Medical University
Faculty of Medicine
.....
prof. Beata Sułkowska, PhD

