

Syllabus of the training module at the university level

Name of the Faculty	School of Medicine in English UJ CM
Name of the unit responsible for module	Department of Anesthesiology and Intensive Care JUMC Department of Medical Education UJCM
Name of module	Medical First Aid I First aid of life threatening conditions, part 1
Module Code	
Language of training	English
Training effects for the module	<p><u>The aim of the module is:</u></p> <ol style="list-style-type: none"> 1. Familiar with the principles of cardiopulmonary resuscitation in adults and children, including: <ul style="list-style-type: none"> - Assessment of the victim unconscious - Medical challenges - Placing the victim in the recovery position - Chest compressions - Perform rescue breathing technique of mouth-to-mouth, mouth-to-nose, using a pocket mask and self-expansive bag - use of the Automated External Defibrillator 2. Familiar with the principles of first aid in life-threatening conditions not related to trauma <p>After completing the course the student:</p> <p><u>In terms of knowledge:</u></p> <ul style="list-style-type: none"> - Discusses the current guidelines for cardiopulmonary resuscitation infants, children and adults - Discusses the principles of first aid in life-threatening conditions not related to trauma - Understand the ethical principles and rules regarding the conduct of cardiopulmonary resuscitation and first aid - Sets out the principle of drugs administration by various routes - Discusses the BHS guidelines for the measurement of blood pressure <p><u>in terms of skills is able to:</u></p> <ul style="list-style-type: none"> - perform CPR with Automated External Defibrillator - give first aid to life-threatening conditions not related to trauma - pre-assess the condition of the victim according to the ABC scheme and collect basic interview - perform peripheral venous catheter - measure blood pressure - collect blood from veins - perform injections of intradermal, subcutaneous, intramuscular <p><u>in terms of social competence</u></p> <ul style="list-style-type: none"> - Has the ability and the habit of self-training - Responsibly preparing to take care activities - Work in the group taking responsibility for the timely and accurate execution of the tasks assigned - Comply with the ethical standards of professional activities - is able to teach others
Type of training module (mandatory/facultative)	mandatory
Year of studies	1-6
Semester	1
Name of the person/persons leading the module	Dr Grzegorz Cebula
Name of the person/persons examining or granting a credit if it is not a person conducting this module	Dr Grzegorz Cebula
Method of realization	Activities with participation of teacher
Prerequisites and additional needs	None
Type and number of training courses hours that require direct participation of the	Lectures, 10 h Exercises, 20 h

academic teacher and students when the module is provided for such activities	
Number of ECTS credits allocated to the module	2
Balance of ECTS	Participation in lectures - 10 h Independent study of lectures' topic - 5 h Participation in practical exercises - 20 h Preparation to the practical exercises - 10 h Preparation to the multimedia presentation - 5 h Preparation to an objective structured clinical examination - 10 h Objective structured clinical examination - 2 h Total 60 hours of students' work
Teaching methods applied	Lecture, discussion, brainstorming, presentation, simulation, practical training, e-learning, work with a book
Methods for testing and evaluation criteria of learning outcomes achieved by students (Oral egzam / test egzam / graded credit)	Objective Structured Clinical Examination - assessment of practical skills acquired during the course. <i>Evaluation of multimedia presentations prepared by the students - each student in the group of 2-3 persons is preparing presentations discussing (talking about) personal issues first aid in cases selected from a list of emergency health or life (number of presentations should correspond to the number of students in the group) and then submit it during the exercise.</i> Dates and topics of presentations are delivering to students during the first class. Detailed criteria for the assessment of the presentation will be discussed with students in the classroom.
The form and the conditions for completion of the module, including the rules of admission to the exam, pass, and the form and conditions for completion of the various activities within the scope of the module	Assessment. Assessment of module is subject to the following conditions: - The presence at the exercises - is possible one justified absence. - A positive completion of performance and a presentation about the set topics - To achieve a positive completion of an objective structured clinical examination To pass the presentation is required to obtain at least 52% of the points. To pass an objective structured clinical examination is required to obtain at least 52% and a positive credit points (at least 52% of the points) three of the four stations in the mandatory examination station of assessing the quality of CPR.
Training module content	The course includes lectures and practical classes during which students will learn about the principles of CPR, giving first aid and selected procedures of nursing. Lectures and practical exercises include: 1. Dealing with an unconscious victim, victim assessment according ABC schema, safe position, summoning medical help 2. Technique of opening the airway without instruments. 3. Assisted ventilation: mouth-to-mouth, mouth-to-nose, mouth-mouth/nose, pocket mask, self-expansive bag with mask. 4. Technique for chest compressions. 5. Technique for cardiopulmonary resuscitation in adults and children. 6. The use of an automated external defibrillator. 7. Principles for giving First aid at the situation of threatening to health and life (choking, unconsciousness, fainting, chest pain, stroke, seizures). 8. Principles for the evaluation of the patient is conscious according to the ABC scheme and performing of the basic interview. 9. Principles for the implementation of selected nursing activities (blood pressure, getting vascular accesses , the administration of drugs in various ways). 10. Ethical issues associated with conducting CPR.
Basic and supplementary bibliography to complete the module	see booklist
Amount of hours, principles and form of awarded for practice when the training program provides practice	