



Syllabus 2018/2019														
Description of the course														
Module/Course	Medical first aid with elements of nursing										Group of detailed education results			
											Group code F	Group name Interventional Clinical Sciences		
Faculty	Medicine													
Major	medicine													
Specialties	Not applicable													
Level of studies	Uniform magister studies <input checked="" 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 <input type="checkbox"/>													
Form of studies	X full-time X part-time													
Year of studies	I										Semester	X Winter <input type="checkbox"/> Summer		
Type of course	X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	<input type="checkbox"/> major X basic													
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other													
* mark <input type="checkbox"/> with an X														
Number of hours														
Form of education														
Unit teaching the course	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)	Specialist Classes – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester														
Chair and Department of Anaesthesiology and Intensive Therapy							20						10	
Summer Semester: not applicable.														
TOTAL per year														



Chair and Department of Anaesthesiology and Intensive Therapy					20						10	
Educational objectives (max. 6 items)												
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.												
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class												
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>								
K 01	F W8	Student knows the current guidelines for cardiopulmonary resuscitation of 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								
K 02	F W9	Student knows the principles of the integrated state system of emergency medical	<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u> Assessment of preparation for classes	CSC								
S 01	F U 4	Student supplies a simple wound, assumes and changes the sterile surgical dressing	<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u> Assessment of preparation for classes	CSC								
S 02	F U5	Student assumes peripheral venous catheter	<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u> Assessment of preparation for classes	CSC								
S 03	F U8	Student performs temporary immobilization of a limb, selects the type of immobilization necessary for use in a typical clinical situations and to validate the blood flow limbs after the founding of the dressing immobilizing	<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u>	CSC								



			Assessment of preparation for classes	
S 04	F U9	Student can obtain external bleeding	<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u> Assessment of preparation for classes	CSC
S 05	F U10	Student performs basic resuscitation with AED external and other rescue activities and give first aid	<u>Summarising methods:</u> Evaluation of practical skills, Pass of class: final test <u>Forming methods:</u> Assessment of preparation for classes	CSC

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories:
communication of knowledge, skills or forming attitudes:

Knowledge: 4

Skills: 5

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	20
2. Student's own work (self-study):	10
Total student's workload	30
ECTS points for module/course	1,5
Comments	-

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: not applicable.

Seminars: not applicable.

Practical classes

1. Organizational classes. Checking the skills on medical first aid. Acute life-treating conditions-definitions. Organizing and providing first aid. Unconscious patient. The causes of unconsciousness, diagnosis and management at the scene of an accident.
2. Sudden cardiac arrest (BLS) in adults - definition, causes, diagnosis and management.
3. Instrumental and non-instrumental methods of airway management - presentation and exercises in simulated conditions.
4. Exercises on phantoms - practical conduct of resuscitation action of adult 1-2 rescuers. The use of automatic defibrillators (AED) and hospital defibrillators - phantom exercises.
5. Basic resuscitation in children. Exercises on phantoms - practical conduct of the resuscitation action for children of 1-2 rescuers.



6. Shock - definition, diagnosis, management. Management in case of external and internal bleeding, stopping bleeding in superficial injuries, putting on dressings. Wounds, types of wounds, general rules for first aid in wounds.

7. Injuries - types of injuries, injury to the chest, abdomen and head. Bone fractures and joint damage - diagnosis, procedure, immobilization rules for long bone fractures. Placing the patients in various pathological conditions. Thermal and chemical injuries. Poisoning - diagnosis, first aid, examples of antidotes. Drowning, electric shock, hanging, choking.

8. Monitoring of vital functions - non-instrumental and instrumental. Care for patient - basic rules (toilet, feeding). Injections - types of needles, preparations, types of injections. Intravenous infusions - solutions for infusions, preparation of drip infusion, intravenous catheters, putting on the venepone, care of the puncture site. The rules of catheterization of the urinary bladder.

Secretion management in the mechanically ventilated patient - the rules.

9. Providing first aid in simulated conditions. Exercises based on the material realized.

10. Passing the class - final test.

Other: not applicable.

Basic literature (list according to importance, no more than 3 items)

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)

1. Handbook of First Aid and Emergency Care, Revised Edition. AMA, Leikin JB, Feldman BJ. Random House, USA, 2000.

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Multimedia projector, laptop, phantoms

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Preparation for classes from the recommended textbook and guidelines.

Conditions to receive credit for the course (specify the form, criteria and conditions of receiving credit for classes included in the module/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 - written test.

Grade:	Criteria for course
Very Good (5.0)	has knowledge of each of the content of education at the level of 90% -100%
Good Plus (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%
Grade:	Criteria for exam (if applicable) not applicable.
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Name of unit teaching course:	Chair and Department of Anaesthesiology and Intensive Therapy
Address	50-556 Wrocław, ul. Borowska 213
Phone	71 733 23 10
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Person responsible for course:	Waldemar Goździk, MD, Professor, Ph. D
Phone	71 733 23 10
E-mail	waldemar.gozbek@umed.wroc.pl

<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
Małgorzata Grotowska	MD	Medicine	physician; u.t.	CSC
Natalia Kozera	MD	Medicine	physician; u.t.	CSC
Tomasz Skalec	MD	Medicine	physician; u.t.	CSC
Marek Wełna	MD, Ph.D	Medicine	physician; u.t.	CSC
Magdalena Kośmider-Żurawska	MD	Medicine	physician; u.t.	CSC
Ewa Woźnica	MD	Medicine	physician; u.t.	CSC

Date of Syllabus development

Syllabus developed by

.....14.07.2018.....

B.Barteczko-Grajek, MD, Ph.D

Signature of Head of teaching unit
KATEDRA I KLINIKA ANESTEZJOLOGII
I INTENSYWNEJ TERAPII
kierownik

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



Signature of Faculty Dean

Prof. Andrzej Hendrich
Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH

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