



Syllabus 2020/2021

Description of the course

Module/Course	Emergency Medicine (2)		Group of detailed education results	
			Group code F	Group name Clinical Interventional Classes
Faculty	Medicine			
Major	Medicine			
Specialties	Not applicable			
Level of studies	Uniform masters level studies X * 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	6	Semester	X Winter X Summer	
Type of course	X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective			
Course	X major <input type="checkbox"/> basic			
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other			

* mark with an X

Number of hours

Type of learning

Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – non-clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes – masters studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
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Winter Semester

Department and Clinic of Emergency Medicine					14		4							
Department of Emergency Medical Services					2		4							
Department of Paediatric Traumatology and Emergency Medicine							6							

Summer Semester



Department and Clinic of Emergency Medicine				14		4							
Department of Paediatric Traumatology and Emergency Medicine						6							
Department of Emergency Medical Services				2		4							
TOTAL per year:													
Department and Clinic of Emergency Medicine				28		8							
Department of Paediatric Traumatology and Emergency Medicine						12							
Department of Emergency Medical Services				4		8							
Educational objectives (max. 6 items)													
C1. Introduce students to the organization of the emergency medical systems													
C2. Teach students to perform cardiopulmonary resuscitation in children and adults													
C3. Teach students to identify states potentially leading to cardiac arrest and methods of treating them													
C4. Teach students how to proceed in cases of acute life threatening trauma													
C5. Teach students how to identify psychological problems in patients in danger of dying as well as their families and methods of addressing them.													
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class													
<i>Number of course education result</i>	<i>Number of major education result</i>	<i>Student who completes the module/course knows/is able to</i>					<i>Methods of verification of intended education results (forming and summarizing)</i>			<i>Form of didactic class **enter the abbreviation</i>			
W 01	F.W8	Understands the functioning of the integrated national emergency medical system					Test			CC			
W 02	F.W7	Knows the current guidelines for cardiopulmonary resuscitation in neonates, children and adults					Test			CC, CSC			
W 03	F.W16	Knows the cardiovascular resuscitation algorithm for incidental hypothermia and post-traumatic hypothermia					Test			CC, CSC			
U01	F.U9	Can treat external bleeding					Carrying out actions in simulated conditions; will be assessed by an instructor using a structured protocol			CSC			
U 02	F.U10	Can perform basic life saving procedures including use of external defibrillator and other emergency procedures and can administer first aid					Carrying out actions in simulated conditions; assessment of the quality of chest compressions and ventilation with the			CSC			



			assistance of computer program: other actions will be assessed by an instructor using a structured protocol	
U 03	F.U11	Acting in accordance with the current algorithm for advanced life support	Carrying out actions in simulated conditions; assessment of the quality of chest compressions and ventilation with the assistance of computer program: other actions will be assessed by an instructor using a structured protocol	CSC
U03	F.U5	Can insert a peripheral IV access	Carrying out actions in simulated conditions; will be assessed by an instructor using a structured protocol	CSC

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (master level 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 workload (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	60
2. Student's own work (self-study):	66
Total student's workload	126
ECTS points for module/course	4,6
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

Does not apply

Seminars

1.

Practical classes

Winter Semester

Department and Clinic of Emergency Medicine

Classes in High Fidelity Simulated Conditions

1. Medical Cardiac Arrest in the Emergency Department

Clinical Classes

1. Recognizing and treatment of shock in a patient
2. Traumatic injury of the upper limb
3. Alcohol poisoning, monitoring the poisoned patient, recognizing alcohol, drug and psychotropic intoxication
4. Wound treatment
5. Pulmonary embolism
6. Head and spine injury
7. Hypothermia



Department of Paediatric Traumatology and Emergency Medicine
Classes in High Fidelity Simulated Conditions

1. Medical cardiac arrest in children, various clinical scenarios

Department of Emergency Medical Services
Classes in High Fidelity Simulated Conditions

1. Medical cardiac arrest outside the hospital

Clinical Classes

1. Atrial Fibrillation in the Emergency Department

Summer Semester

Department and Clinic of Emergency Medicine
Classes in High Fidelity Simulated Conditions

1. Traumatic cardiac arrest in the Emergency Department

Clinical Classes

1. Basic treatment in acute poisoning, gastric tubing and lavage
2. Chest injuries, procedures in cases of traumatic shock and multi-organ injury
3. FAST
4. Lower limb injuries, femur, knee, calf and foot
5. Patient with respiratory insufficiency in the emergency department
6. Physical examination of the patient in the emergency department
7. Traumatic injury of the pelvis and hip

Department of Emergency Medical Services
Classes in High Fidelity Simulated Conditions

1. Medical cardiac arrest, various scenarios

Clinical Classes

1. Ventricular and supraventricular tachycardia in the emergency department

Department of Paediatric Traumatology and Emergency Medicine
Classes in High Fidelity Simulated Conditions

1. Traumatic cardiac arrest in children, aspiration

Other

Does not apply

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

1. Emergency Medicine Secrets Questions and Answers Revealed J. Markovchick, Peter T. Pons, Katherine M. Bakes. Medipage 2016
2. Guidelines of the European Resuscitation Council 2015 <https://cprguidelines.eu/>

Additional literature and other materials (no more than 3 items)

1. NMS Emergency Medicine Scott H. Plantz, E. John Wipfler. Urban&Partner 2011

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

Laptop, multimedia projector, manekin for training CPR in children and adults, manekins for training intubation, defibrillator, AED defibrillator, phantom for training IV injections, phantom for training procedures related to traumatic injury, phantom for training pneumothorax decompression, orthopedic backboard, intubation tubes, oropharyngeal tubes, bandages, cotton swabs, disinfectant, USG, EKG.

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

Credit for the previous year's class in emergency medicine

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).

Each absence must be made up, including rector's days or dean's hours.



At the beginning of classes each student will receive a participation card and will receive credit in the form of a grade for each class from the instructor based on their level of activity during classes as well as correctly answering one oral question or the performance of one procedure

The grade from the classes will be based on an average of the grades received from individual classes

Admission to the final exam after passing the classes

The exam will have a test and a practical part. Test of 30 questions. Practical exam, 3 procedures, The final grade will be the average of these two components assessed separately

Grade:	Criteria for course
Very Good (5.0)	Average of 4.6-5.0
Better than Good (4.5)	Average of 4.1-4.59
Good (4.0)	Average of 3.6-4.09
Satisfactory Plus (3.5)	Average of 3.25-3.59
Satisfactory (3.0)	Average of 3.0-3.24

Grade:	Criteria for exam (if applicable)
Very Good (5.0)	Average of 4.6-5.0 from both of the individual portions of the exam
Good Plus (4.5)	Average of 4.1-4.59 from both of the individual portions of the exam
Good (4.0)	Average of 3.6-4.09 from both of the individual portions of the exam
Satisfactory Plus (3.5)	Average of 3.25-3.59 from both of the individual portions of the exam
Satisfactory (3.0)	Average of 3.0-3.24 from both of the individual portions of the exam

Name of department teaching course:	Department and Clinic of Emergency Medicine
Address	Borowska 213 50-556 Wrocław
Phone	00 48 71 7332979
E-mail	kat.med.rat@umed.wroc.pl

Person responsible for course:	prof. dr hab. Dorota Zyśko,
Phone	600125283
E-mail	dorota.zysko@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>Type of classes</i>
Dorota Zyśko	Prof. dr hab.	Emergency Medicine Cardiology, Internal Medicine	physician	CC, CSC, L
Łukasz Bilaszewski	lek.	Emergency Medicine	physician	CC, CSC
Katarzyna Budrewicz	dr n. med.	Medicine	physician	CC, CSC
Goutam Chourasia	lek.	Emergency Medicine	physician	CC, CSC
Rafał Czyż	dr	Emergency medical services	EMS	CC, CSC
Krzysztof Dudek	dr n. med.	Emergency Medicine, Thoracic Surgery	physician	CC, CSC
Grzegorz Gogolewski	dr n. med.	Emergency Medicine	physician	CC, CSC
Rafał Jakobson	lek.	Medicine	physician	CC, CS
Małgorzata Kaczmarek-Fojtar	mgr.	Psychology	psychologist	CC
Agnieszka Piątkowska	lek	Internal medicine	physician	CC, CSC
Paweł Pochciał	lek.	Medicine	physician	CC, CSC
Barbara Porębska	lek	Internal medicine, toxicology	physician	CC, CSC



Przemysław Skoczyński	dr n. med.	Cardiology	physician	CC, CSC
Wiesław Krzysztof Sycz	lek.	Anesthesiology and Intensive Care	physician	CC, CSC
Joanna Wizowska	lek.	Emergency Medicine	physician	CC, CSC
Jarka Moczarska	lek	Medicine	physician	CC, CSC
Department of Emergency Medical Services				
Jarosław Sowizdraniuk	mgr	Emergency medical services	EMS	CSC
Jacek Gajek	Prof. dr. hab.	Cardiology	physician	CC
Marcin Leśkiewicz	Dr n. zdr.	Emergency medical services	EMS	CC, CSC
Department of Paediatric Traumatology and Emergency Medicine				
Jan Godziński	prof. dr hab. n. med.	Pediatric surgery, oncological surgery	physician	L, CSC
Lilianna Styka	dr n. med.	Anesthesiology and intensive care	physician	CSC
Kinga Niewińska	dr n. med.	Anesthesiology and intensive care Emergency Medicine	physician	CSC
Joanna Jakubaszko-Jabłońska	dr n. med.	Ophthalmology	physician	CC, CSC
Janusz Sokołowski	dr n. med.	Emergency Medicine	physician	CSC
Marta Kwiaton	Dr n. med.	Emergency Medicine, Psychology	EMS, psychologist	CSC
Marzena Kozakiewicz	lek.	Pediatric surgery	physician	CSC
Agnieszka Burkacka	dr n. med.	Pediatric surgery	physician	CSC
Karol Dopierała	lek.	II year Ph.D. candidate	physician	CSC
Remigiusz Chrostek	lek.	II year Ph.D. candidate	physician	CSC

Date of Syllabus development

18.06.2020

Syllabus developed by

Prof.dr hab .Dorota Zyško

Signature of Head of teaching department

Signature of Faculty Dean

.....
Wrocław Medical University
Faculty of Medicine
Vice Dean for Quality Studies

prof. Beata Sztajnar, PhD

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Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA
MEDYCYNY RATUNKOWEJ
kierownik

prof. dr hab. Dorota Zyško