

**Syllabus for the academic year 2019/2020**

**Description of the course**

<b>Module/Course</b>	Practice in the field of intensive care in the Hospital Anaesthetic and Intensive Care Unit.	<b>Group of detailed education results</b>	
		<b>Group code:</b> F	<b>Group name:</b> Clinical Treatment Sciences
<b>Faculty</b>	<b>Medicine</b>		
<b>Major</b>	<b>Medicine</b>		
<b>Specialties</b>	<b>not applicable</b>		
<b>Level of studies</b>	<b>Uniform master degree studies X</b>		
<b>Form of studies</b>	<b>full-time X part-time X</b>		
<b>Year of studies:</b>	<b>IV</b>	<b>Semester:</b>	summer x
<b>Type of course:</b>	obligatory X optional		
<b>Type of Course:</b>	major x		
<b>Language of instruction</b>	<b>English X</b>		

Number of hours: 60

Form of education: professional practice

Unit teaching the course Hospital Anaesthetic and Intensive Care Unit	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major - non-clinical Classes (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes - master degree studies (SCM)	Foreign Language Course (FLC)	Physical Education - obligatory (PE)	Vocational Practice (VP)	Self-Study (Time of student's own work)	E-learning (EL)
<b>Winter semester:</b>														
<b>Summer Semester</b>												60		
<b>Total per year:</b>												60		

**Educational objectives:**

**C1. practical improvement of professional skills acquired in the course of studying major subjects.**

**Education result matrix for module/course in relation to verification methods of the intended education results and type of class**

Number of course education result	Number of education result from standards	Student who completes the module/course knows/is able to	Methods of verification of intended education results	Form of didactic class  ** enter the abbreviation
<b>S.01.</b>	F.07	administers peripheral injections	Medical Practice Documentation.	<b>Vocational Practice</b>
<b>S.02.</b>	F.U10	carries out basic resuscitation procedures by using the automatic external		

<b>S.03.</b>	F.U11	defibrillator and other rescue operations and provides first aid	Opinion of the Placement Supervisor from the hospital.  Medical Practice Documentation.	Vocational Practice
<b>S.04.</b>	F. U12	acts in accordance with the current algorithm of advanced resuscitation actions	Opinion of the Placement Supervisor from the hospital.  Medical Practice Documentation.	Vocational Practice
<b>S.05.</b>	FU21.	acts in accordance with the current algorithm of advanced resuscitation actions	Opinion of the Placement Supervisor from the hospital.  Medical Practice Documentation.	Vocational Practice
		assesses the condition of the unconscious patient in accordance with the applicable international point-based scales	Opinion of the Placement Supervisor from the hospital.  Medical Practice Documentation.	Vocational Practice

Please mark with crosses on the scale 1-3 how the above education effects place your classes in the following categories: transfer of knowledge, transfer of skills: Knowledge (K): ++, Skills (S): +++

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

<b>Student's workload</b>	<b>Student Workload (h)</b>
1. Hours of classes at the University:	<b>60</b>
2. Time of student's own work:	<b>0</b>
Total student's workload:	<b>60</b>
<b>ECTS points for module/course:</b>	<b>2.0</b>
Comments:	

**Content of classes:**

**Other:**

- 1. Monitoring and documentation in the Intensive Care Unit.**
- 2. Acid-base and water-electrolyte balance with interpretation of tests.**
- 3. Treatment of respiratory failure, principles of oxygen therapy.**
- 4. Cannulation of the respiratory tract.**
- 5. Electrocardiotherapy: defibrillation, cardioversion, electrical stimulation of the heart, intravenous fluid therapy: puncture of central veins.**
- 6. Principles of measuring pressure by means of an invasive method. Hemodynamic monitoring. Principles of artificial feeding.**
- 7. Principles of renal replacement therapy.**
- 8. Diagnosis and treatment in the Intensive Care Unit.**
- 9. Patient preparation and basic methods of general anaesthesia. Regional anaesthesia.**
- 10. Sudden cardiac arrest.**
- 11. Postoperative analgesia.**

<b>Basic literature:</b>	
1. Not applicable	
<b>Didactic resources requirements: equipment of the Intensive Care and Anaesthesiology Unit.</b>	
<b>Preliminary conditions: completed classes in the 4th year of study</b>	
<b>Conditions to receive credit for the course: Completion of the internship program confirmed by the tutor's opinion on the part of the entity, entries of practical skills into the student's book and verification of the placement supervisor on the part of the University</b>	
<b>Grade:</b>	Not applicable
Very good (5,0)	
Good Plus (4,5)	
Good (4,0)	
Satisfactory Plus (3,5)	
Satisfactory (3,0)	

**Name and address of module/course teaching unit, contact: tel. and e-mail address:**

Clinics or departments- units which concluded arrangements and agreements with the University.

**List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes :** not applicable

**Person responsible for the course:**

MD , Ph.D. Tomasz Jurek, MD, Ph.D. Krzysztof Maksymowicz,  
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**Date of Syllabus development**

30.06.2019

Uniwerytet Medyczny we Wrocławiu  
WYDZIAŁ LEKARSKI  
Opiekun Praktyk Zawodowych  
dr hab. i. med. mgr prawa Tomasz Jurek  
prof. nadzw.

**Signature of the Head of Teaching Unit**

Not applicable

**Signature of the Dean of the Faculty of Medicine**

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