



**Syllabus 2017/2018**

<b>Module/Course</b>	<b>Practical clinical teaching: Anaesthesiology and Intensive Therapy</b>	<b>Group of detailed education results</b>	
		<b>Group code: (E), (F)</b>	<b>Group name: Non- interventional Clinical Sciences and Interventional Clinical Sciences</b>
<b>Faculty</b>	<b>Medicine</b>		
<b>Major</b>	<b>Medicine</b>		
<b>Specialties</b>	Not applicable		
<b>Level of studies</b>	X uniform magister studies		
<b>Form of studies</b>	X full-time X part-time		
<b>Year of studies</b>	<b>VI</b>	<b>Semester</b>	<b>X summer (April/May)</b>
<b>Type of course</b>	X obligatory		
<b>Course</b>	X basic		
<b>Language of instruction</b>	X english		

\* mark  with an X

**Number of hours**

**Form of education**

Unit teaching the course	Lectures (L)	Seminars (SE)	(AC) Auditorium classes	Major Classes - not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Conditions (CSC) Classes in Simulated	Practical Classes with Patient (PCP)	(SCM) Specialist Classes - magister studies	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:**

Not applicable					Not applicable									
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**Summer Semester**

Chair and Department of Anaesthesiology and Intensive Therapy					180									
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**TOTAL per year:**

Chair and Department of Anaesthesiology and Intensive Therapy					180									
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**Educational objectives (max. 6 items)**

- C.1 –adjusting to work in ICU through acquire knowledge and skills in diagnosing patients with life-threatening conditions.
- C.2 – making correct therapeutic decisions with patients with multiple organs injury.
- C.3 – teaching principles of preoperative anesthesiological management.
- C.4 – teaching principles of general and regional anesthesia.
- C.5 – teaching principles in pain treatment depending on clinical situations.
- C.6 – solving ethical dilemmas in critically ill patients.

**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 ** enter the abbreviation
S 01	E U29	performs basic medical procedures and treatments in including: a) measuring the body temperature, heart rate measurement, a non-invasive blood pressure measurement, b) monitoring of vital signs using a cardio-monitor, pulse	Skills presentation	CC





		oximetry, c) oxygen therapy, assisted and replacement ventilation d) the introduction of oropharyngeal airway, e) intravenous, intramuscular and subcutaneous injection, peripheral venous cannulation, blood sampling, collection of blood culture, collection of arterial blood, f) collecting swabs from the nose, throat and skin, pleuracentesis, g) the bladder catheterization in men and women, insertion of nasogastric tube, gastric lavage, h) the standard electrocardiogram at rest with interpretation, electrical cardioversion and defibrillation		
S 02	E U30	assist in carrying out the following procedures and medical treatments: a) transfusions of blood products, b) drain pleural cavity, c) puncture pericardium, d) lumbar puncture	Skills presentation	CC
S 03	E U36	properly treatment in the case of injuries	Skills presentation	CC
S 04	E U37	recognizes the agony of the patient and declare patient's dead	Skills presentation	CC
S 05	F U10	performs CPR with an automated external defibrillator and other first medical aid activities	Skills presentation	CC
S 06	F U11	performs advanced CPR activities according to present guidelines	Skills presentation	CC
S 07	F U12	monitors the postoperative period based on the basic parameters of life	Skills presentation	CC
** 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: Skills: 5				
<b>Student's amount of work (balance of ECTS points)</b>				
<b>Student's workload</b> (class participation, activity, preparation, etc.)			<b>Student Workload (h)</b>	
1. Contact hours:			180	
2. Student's own work (self-study):			54	
Total student's workload			234	
<b>ECTS points for module/course</b>			<b>10,0</b>	
Comments				
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
<b>Lectures – not applicable</b>				
<b>Seminars – not applicable</b>				
<b>Practical classes</b>				
1. Patient qualification to treatment in the ICU, futile medical care.				
2. Acute respiratory failure– treatment.				
3. Acute cardiac failure- treatment. Shock-treatment.				
4. Principles of artificial nutrition.				
5. Types and principles of extracorporeal therapy.				
6. Diagnosis and treatment of infections in the ICU.				
7. Ultrasonography in anaesthesia, intensive therapy and emergency.				
8. Perioperative management.				
9. General anaesthesia, postoperative care.				
10. Regional anaesthesia- fundamental safety principles.				
11. Post-operative, acute and chronic pain management.				
12. Pediatric anaesthesia and intensive therapy.				
13. Management of life-threatening conditions in children.				
14. Advanced Life Support.				
15. Patient in life-threatening conditions- principles of management, training in simulates conditions.				
<b>Other - itd....</b>				
<b>Basic literature</b> (list according to importance, no more than 3 items)				





Not applicable	
<b>Additional literature and other materials</b> (no more than 3 items)	
Not applicable	
<b>Didactic resources requirements</b> (e.g. laboratory, multimedia projector, other...)	
Not applicable	
<b>Preliminary conditions</b> (minimum requirements to be met by the student before starting the module/course) Not applicable	
<b>Conditions to receive credit for the course</b> (specify the form 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)	
<b>Active participation in classes and test of practical skills</b>	
<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good (5.0)	Not applicable
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

<b>Name of module/course teaching unit,</b>	<b>Chair and Department of Anaesthesiology and Intensive Therapy</b>
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<b>Coordinator</b>	<b>Waldemar Goździk, Ph.D, assistant professor</b>
<b>Telephone</b>	<b>71 733 23 10</b>
<b>e-mail address</b>	<b>waldemar.gozdzik@umed.wroc.pl</b>

List of persons conducting specific classes	degree/scientific or professional title	discipline	performed profession	form of classes
Barbara Barteczko-Grajek	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC
Małgorzata Burzyńska Ph..D	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC
Barbara Dragan	MD	Anaesthesiology and Intensive Therapy	MD	CC
Wiesława Duszyńska	Ph.D, assistant professor	Anaesthesiology and Intensive Therapy	MD	CC
Waldemar Gołębiowski	Ph..D	Anaesthesiology and Intensive Therapy	MD	CC
Waldemar Goździk	Ph.D, assistant professor	Anaesthesiology and Intensive Therapy	MD	CC
Jarosław Kędziora	MD	Anaesthesiology and Intensive Therapy	MD	CC
Magdalena Krzyżak-Jankowicz	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC
Bogusława Lechowicz-Głogowska	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC
Małgorzata Grotowska	MD	Anaesthesiology and Intensive Therapy	MD	CC
Marceli Łukaszewski	Ph.D	Anaesthesiology and	MD	CC





		Intensive Therapy		
Lidia Łysenko	Ph.D, assistant professor	Anaesthesiology and Intensive Therapy	MD	CC
Tomasz Skalec	MD	Anaesthesiology and Intensive Therapy	MD	CC
Jakub Śmiechowicz	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC
Marek Wełna	MD	Anaesthesiology and Intensive Therapy	MD	CC
Marzena Zielińska	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC
Stanisław Zieliński	Ph.D	Anaesthesiology and Intensive Therapy	MD	CC

**Date of Syllabus development**

22.02.2017 r.

**Syllabus developed by**

Barbara Barteczko-Grajek Ph.D, MD  
Stanisław Zieliński Ph.D, MD

**Signature of Head of teaching unit**

Uniwersytet Medyczny we Wrocławiu  
**Signature of Faculty Dean**

Prof. dr hab. Andrzej Hendrich

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Uniwersytet Medyczny we Wrocławiu  
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I INTENSywNEJ TERAPII  
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I INTENSywNEJ TERAPII  
Kierownik

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