



Syllabus for academic year: 2021/2022													
Training cycle: 2016/2017 – 2021/2022													
Description of the course													
Course	Practical Clinical Teaching – chosen specialty: Anesthesiology and Intensive Therapy								Group of detailed education results				
									Group code F	Group name Interventional Clinical Sciences			
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	X uniform magister studies												
Form of studies	X full-time <input type="checkbox"/> part-time												
Year of studies	VI						Semester:	<input type="checkbox"/> winter X summer (April/May)					
Type of course	X obligatory												
Language of study	<input type="checkbox"/> Polish X English												
Number of hours													
Form of education													
	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)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Direct (contact) education ¹													
Distance learning ²													
Summer semester:													
Department of Anaesthesiology and Intensive Therapy													
Direct (contact) education					180								
Distance learning													
TOTAL per year:													

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



Department of Anaesthesiology and Intensive Therapy												
Direct (contact) education 180												
Distance learning												
<p>Educational objectives (max. 6 items)</p> <p>C1. adjusting to work in ICU through acquire knowledge and skills in diagnosing patients with life – threatening conditions.</p> <p>C2. making correct therapeutic decisions with patients with multiple organs injury.</p> <p>C3. teaching principles of preoperative anaesthesiological management.</p> <p>C4. teaching principles of general and regional anesthesia.</p> <p>C5. teaching principles in pain treatment depending on clinical situations.</p> <p>C6. development social competences needed to practice the medical profession, in accordance with graduate’s profile.</p>												
Education result for course in relation to verification methods of the intended education result and the type of class:												
Number of detailed education result	Student who completes the course knows/is able to	Methods of verification of intended education results	Form of didactic class <i>*enter the abbreviation</i>									
F. W3	the principles of qualification for basic surgical procedures and invasive diagnostic and therapeutic procedures, the principles of their performance and the most frequent complications	<u>Summarising methods:</u> Evaluation of practical skills, <u>Forming methods:</u> Assessment of preparation for classes	CC									
F.W4	the principles of perioperative safety, preparing the patient for surgery, administering general and local anaesthesia and controlled sedation		CC									
F.W5	the postoperative treatment with pain therapy and postoperative monitoring		CC									
F.W6	the indications and principles of intensive care		CC									
F.W7	the cardiopulmonary resuscitation guidelines for newborns, children and adults;		CC									
F.W15	the principles for suspicion and diagnosis of brain death		CC									
E.U20	recognise ophthalmic conditions requiring immediate specialist assistance and provide initial qualified assistance in cases of physical and chemical injury to the eye		CC									
E.U21	assess the condition of an unconscious patient according to international rating scales;		CC									
E.U36	deal with injuries (apply a dressing or immobiliser, dress and stitch up a wound);		CC									
E.U38	maintain patient medical records		CC									
F.U5	insert intravenous line		CC									
F.U9	treat external bleeding		CC									
F.U10	perform basic resuscitation using an automated external defibrillator and other emergency procedures as well as first aid;		CC									



F.U11	act in accordance with the advanced resuscitation algorithm		CC
F.U12	monitor the patient's condition in the postoperative period based on basic vital signs		CC
F.U21	assess the condition of an unconscious patient according to international rating scales;		CC
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning			
Student's amount of work (balance of ECTS points):			
Student's workload (class participation, activity, preparation, etc.)		Student Workload	
1. Number of hours of direct contact:		180	
2. Number of hours of distance learning:		n/a	
3. Number of hours of student's own work:		90	
4. Number of hours of directed self-study		n/a	
Total student's workload		270	
ECTS points for course		12,0	
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 – n/a			
Seminars – n/a			
Classes			
<ol style="list-style-type: none"> 1. Patient qualification to treatment in the ICU, vain therapy. 2. Respiratory distress – basic treatment. 3. Acute cardiac insufficiency treatment. Shock-treatment. 4. Principles of artificial nutrition. 5. Types and principles of extracorporeal therapy. 6. Diagnosis and treatment infections in the ICU. 7. Ultrasonography in anaesthesia, intensive therapy and emergency. 8. Preparation of patient to surgical intervention. 9. General anaesthesia, monitoring the patient after surgical intervention. 10. Rules of safe use of local anesthetics. Regional anaesthesia. 11. Post-operative, acute and chronic pain management. 12. Pediatric anasthesia 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. 			
Other – n/a			
Basic literature n/a			
Additional literature and other materials n/a			
Preliminary conditions: (minimum requirements to be met by the student before starting the course) n/a			
Conditions to receive credit for the course: Active participation in classes and test of practical skills			

Grade:	Criteria for courses ending with a grade³
Very Good (5.0)	has knowledge of each of the content of education at the level of 90% -100%
Good Above (4.5)	has knowledge of each of the content of education at the level of 84% -89%

³ The verification must cover all education results, which are realize in all form of classes within the course



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%
	Criteria for courses ending with a credit³
Credit	Does not apply to the Faculty of Medicine

Department in charge of the course:	Chair and Department of Anaesthesiology and Intensive Therapy
Department address:	50-556 Wrocław, ul. Borowska 213
Telephone:	71 733 23 10
E-Mail:	kai@umed.wroc.pl

Person in charge for the course:	Waldemar Goździk, MD, Professor, Ph. D
Telephone:	71 733 23 10
E-Mail:	waldemar.goździk@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Barbara Adamik	MD, Ph.D	Medical biology	Medical Analyst	CC
Barbara Barteczko-Grajek	MD, Ph.D	Medicine	physician; u.t.	CC
Wiesława Duszyńska	MD, Ph.D	Medicine	physician; u.t.	CC
Waldemar Gołębiowski	MD, Ph.D	Medicine	physician; u.t.	CC
Waldemar Goździk	MD, Professor, Ph. D	Medicine	physician; u.t.	CC
Bogusława Lechowicz-Głogowska	MD, Ph.D	Medicine	physician; u.t.	CC
Małgorzata Grotowska	MD, Ph.D	Medicine	physician; u.t.	CC
Marceli Łukaszewski	MD, Ph.D	Medicine	physician; u.t.	CC
Tomasz Skalec	MD, Ph.D	Medicine	physician; u.t.	CC
Jakub Śmiechowicz	MD, Ph.D	Medicine	physician; u.t.	CC
Marek Wełna	MD, Ph.D	Medicine	physician; u.t.	CC
Marzena Zielińska	MD, Ph.D	Medicine	physician; u.t.	CC
Stanisław Zieliński	MD, Ph.D	Medicine	physician; u.t.	CC

Date of Syllabus development

25.06.2021

Syllabus developed by

B.Barteczko-Grajek..MD, Ph.D

Dean's signature

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

prof. Beata Cieszczyńska, PhD

Signature of Head(s) of teaching unit(s)

Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA ANESTEZJOLOGII
I INTENSYWNEJ TERAPII
kierownik

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