



Syllabus, academic year 2019/2020															
Description of the course															
Course Name:		Practical Clinical Teaching – chosen specialty: Anesthesiology and Intensive Therapy					Group of detailed education results								
							Group code (E or F): E and F		Group name: Non-interventional and Interventional Clinical Sciences						
Faculty		Medicine													
Major		Medicine													
Specialties		not applicable													
Level of studies		X Uniform magister studies													
Form of studies		X full-time <input type="checkbox"/> part-time													
Year of studies:		VI				Semester:		X summer (april/may)							
Type of course		X obligatory													
Course		X major													
Language of instruction		<input type="checkbox"/> Polish <input checked="" type="checkbox"/> 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 – master studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work) (SS)	E-learning (EL)
Winter semester:		Not applicable													
Summer semester:		Chair and Department of Anaesthesiology and Intensive Therapy													
		180													
Total per year:		Chair and Department of Anaesthesiology and Intensive Therapy													
		180													
Educational objectives: (max. 6 items)															
C1.–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 results matrix for 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 (E or F group)	Student who completes the course knows/ is able to Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves					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 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, pleura-centesis,					Summarising methods: Evaluation of practical skills, Forming methods: Assessment of preparation for classes					CC			



		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	<u>Summarising methods:</u> Evaluation of practical skills, <u>Forming methods:</u> Assessment of preparation for classes	CC
S 03	E U36	properly treatment in the case of injuries	<u>Summarising methods:</u> Evaluation of practical skills, <u>Forming methods:</u> Assessment of preparation for classes	CC
S 04	E U37	recognizes the agony of the patient and declare patient's dead	<u>Summarising methods:</u> Evaluation of practical skills, <u>Forming methods:</u> Assessment of preparation for classes	CC
S 05	F U10	performs CPR with an automated external defibrillator and other first medical aid activities	<u>Summarising methods:</u> Evaluation of practical skills, <u>Forming methods:</u> Assessment of preparation for classes	CC
S 06	F U11	performs advanced CPR activities according to present guidelines	<u>Summarising methods:</u> Evaluation of practical skills, <u>Forming methods:</u> Assessment of preparation for classes	CC

** L - lecture; SE - seminar; AC - audytorium classes; MC - major classes (non-clinical); **CC - clinical classes**; LC - laboratory classes; SCM - specialist classes (master 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

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

Student's workload (class participation, activity, preparation, etc.)

Student Workload (h)

1. Contact hours:

180



2. Student's own work (self-study):	90
Total student's workload	270
ECTS points for course	10,0
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

Classes

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 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.

Other - etc

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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.

Active participation in classes and test of practical skills

Grade:	Criteria for course
Very good (5,0)	has knowledge of each of the content of education at the level of 90% -100%
Above good (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%
Sufficiently good (3,5)	has knowledge of each of the content of education at the level of 70%-76%
Sufficient (3,0)	has knowledge of each of the content of education at the level of 60%-69%

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
E-mail	kai@umed.wroc.pl

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>
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 Wefna	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

.....11.07. 2019 r.

Syllabus developed by

.....B.Barteczko-Grajek..MD,

Ph.D.....

Signature of Head of teaching unit

Uniw. Med. Wrocławiu
KATEDRA I KLINIKA NEFROLOGII
I INTENSywNEJ TERAPII
Kierownik

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

Signature of Faculty Dean

Wroclaw Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH

Prof. Andrzej Hendrich, PhD