



TOTAL per year: 65

Chair and Department of Anaesthesiology and Intensive Therapy	20			45											
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Educational objectives (max. 6 items)

C1. Cardiopulmonary resuscitation and selected life threatening events

C2. Perioperative period anaesthesia and intensive therapy goals.

C3. Qualifications for ICU treatment.

C4. Bases of Anaesthesia

C5. Bases of Intensive Therapy

C6. Ethic consideration in anaesthesia and intensive therapy

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 <i>**enter the abbreviation</i>
W 01	F.W3	Knows the rudiments of qualification, performance and side effects of basic surgical and invasive diagnostic procedures	Written examination	L, CC
W 02	F.W4	Knows the principles of perioperative safety, preparing patient to general/regional anaesthesia or conscious sedation	Written examination	L, CC
W 03	F.W5	Knows the basic principles of perioperative fluids treatment, postoperative vital functions monitoring and analgesia adult and paediatric	Written examination	L, CC
W 04	F.W6	Knows the practical application of intensive therapy principles	Written examination	L, CC
W 05	F.W7	Knows the present ERC resuscitation Guidelines adults and paediatric	Written examination	L, CC,
W 06	F.W 15	knows the rules of issuing the suspicion and diagnosis of brain death	Written examination	L, CC



U 01	F. U5	performs peripheral vein access	presentation	CC
U02	F. U9	supplies external bleeding		
U 03	F.U10	Performs CPR with defibrillator application and other first medical aid activities	presentation	CC
U 04	F.U11	Performs advanced CPR activities according to present ERC Guidelines	presentation	CC
U 05	F.U12	Applies monitoring of vital functions in postoperative period	presentation	CC
U 06	F.U21	Assess the unconscious patient using the international scoring systems	presentation	CC
U 07	F. U22	recognizes the symptoms of increasing intracranial pressure	presentation	CC
K 01		willingly participates, cooperates in a group, actively participates		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:

Knowledge: 5

Skills: 4

Social competences: 3

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

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	65
2. Student's own work (self-study):	100,5
Total student's workload	165,5
ECTS points for module/course	6,5
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

1.1.Lecture



Brain dead definition and ethical considerations linked to organ transplantation

2.Lecture

Shock-definition, origin, monitoring, treatment

3.Lecture

ARDS-Berlin 2012 definition and therapeutic implications.

4.Lecture

Sepsis-2012 Guidelines-therapeutic implications.

5.Lecture

Elementary principles of anaesthesia

6.Lecture

MODS-definition and ICU treatment

Seminars: not applicable

Practical classes

1.Class

Documentation in ICU-what is special?

Monitoring and treatment of an unconscious patient in ICU

Acid-base balance, fluid-electrolyte balance-principles and clinical application.

2.Class

Acute respiratory failure-definition, treatment principles and clinical application.

Demonstration of devices.

3.Class

Acute circulatory failure- definition, treatment principles and clinical application.

Cardioversion, defibrillation, pacemaker

Demonstration of devices.

4. Class

Hemodynamic monitoring-goals and rules.

Central venous access- goals and rules, device demonstration

Invasive monitoring- goals and rules, device demonstration



5.Class

Acute renal failure.

Renal replacement therapy- goals and rules, device demonstration

Nutrition in ICU- goals and rules, device demonstration

6. Class

Basic principles of paediatric Intensive Therapy

7.Class

Basic principles of anaesthesia- goals and rules, device demonstration

Visit in OR. General/regional anaesthesia.

8.Class

CPR-adults and paediatric

9.Class

Exceptions of paediatric anaesthesia.

10.Class

Postoperative analgesia-adults and children.

Other: not applicable

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

1. 2015 ERC Guidelines for Adult Basic Life Support
2. 2015 ERC Guidelines for Pediatric Basic Life Support
3. Miller's Anesthesia. Vol 1-2 .Philadelphia 2005, VI-th Edition. Elsevier

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

- 1.Textbook of Critical Care Fink MP., Abraham E., Vincent JL., Kochanek PM Philadelphia 2005, V-th Edition Elsevier.

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

Multimedia projector

Simulation training system

Preliminary conditions: Basic knowledge in the field of anatomy, pathophysiology and internal diseases

Theoretical examination: covers lectures, classes and clinical considerations-written examination in test form

Practical examination: interpretation and solution of clinical cases

Grade:

Criteria (only for courses/modules ending with an examination)



Very Good (5.0)	90-100% of correct answers
4.5)	80-89% of correct answers
Good (4.0)	70-79% of correct answers
Satisfactory Plus (3.5)	60-69% of correct answers
Satisfactory (3.0)	50-59% of correct answers

Name and address of module/course teaching unit, contact: telephone and e-mail address

Chair and Department of Anaesthesiology and Intensive Therapy

50-566 Wrocław

ul. Borowska 213

tel.717332310

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

dr hab.n.med. Waldemar Goździk

tel.717332310, Waldemar.gozdzik@umed.wroc.pl

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

Nazwisko	Imię	stopień/tytuł naukowy lub zawodowy	dziedzina naukowa	wykonywany zawód	forma prowadzenia zajęć
Barteczko-Grajek	Barbara	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Gołębiowski	Waldemar	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Goździk	Waldemar	Dr hab.n.med.	Anestezjologia i intensywna terapia	lekarz	Wykłady/ćwiczenia
Kośmider-Żurawska	Magdalena	Lek.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Kübler	Andrzej	profesor dr hab.n.med.	Anestezjologia i intensywna terapia	lekarz	Wykłady, ćwiczenia
Lechowicz-Głogowska	Bogusława	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Grotowska	Małgorzata	Lek.med.	Anestezjologia i	lekarz	ćwiczenia



			intensywna terapia		
Łukaszewski	Marceli	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Mahoń	Jakub	Lek.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Skalec	Tomasz	Lek.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Śmiechowicz	Jakub	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Zielińska	Marzena	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia
Zieliński	Stanisław	Dr n.med.	Anestezjologia i intensywna terapia	lekarz	ćwiczenia

Date of Syllabus development

.....25.06.2017.....

Syllabus Developed by
specjalista anestezjologii i intensywnej terapii
K. Białczko-Grąjek
1343072

Signature of Head of teaching unit

Uniwersytet Medyczny we Wrocławiu
KATEDRA ANESTEZJOLOGII I INTENSywNEJ TERAPII
KLINIKA ANESTEZJOLOGII I INTENSywNEJ TERAPII
Kierownik

dr hab. n. med. Waldemar Goździk

Signature of Faculty Dean

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

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