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| **Syllabus**  |  |
| **Description of the course on the academic year 2017/2018** |  |
| **Module/Course** | **Anesthesiology and Resuscitation** | **Group of detailed education results**  |  |
| **Group code E** | **Group name****Non-interventional Clinical Sciences** |  |
| **Faculty** | Dentistry |  |
| **Major**  | Dentistry |  |
| **Specialties** | Not applicable |  |
| **Level of studies** | Uniform magister studies x1st degree studies  2nd degree studies  3rd degree studies  postgraduate studies  |  |
| **Form of studies** |  x full-time x part-time |  |
| **Year of studies**  | **V** | **Semester** | xWinter Summer |  |
| **Type of course** | xobligatory limited choice free choice / elective  |  |
| **Course** |  major xbasic |  |
| **Language of instruction** |  Polish xEnglish  other |  |
| \* mark  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 – magister studies (SCM) | Foreign language Course (FLC) | Physical Education obligatory (PE) | Vocational Practice (VP) | Self-Study (Student's own work) | E-learning (EL) |  |
| **Winter Semester** |  |
| **Chair and Department of Anaesthesiology and Intensive Therapy**  | **15** |  |  |  | **12** |  |  |  |  |  |  |  |  |  |  |
| **TOTAL per year:27** |  |
| **Chair and Department of Anaesthesiology and Intensive Therapy**  | 15 |  |  | 12 |  |  |  |  |  |  |  |  |  |  |
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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*\*\*enter the abbreviation* |  |
| W 01 | E.W4. | knows the rules proceeding to victims of polytrauma |  Oral response/test | L |  |
|  W 02 | E.W5 | knows the rules of the organization in disasters and breakdowns, the phases of the rescue operation and the scope of assistance neede | Oral response/test | L |  |
| W 03 | E. W17 | knows the causes and mechanisms of cardiac arrest and respiratory and principles of resuscitation and management after resuscitation; | Oral response/test | L |  |
| W 04 | E.W18 | knows the life-threatening | Oral response/test | L |  |
| W 05 | E. W 20 | knows when to refer the patient to the hospital | Oral response/test | L, CC |  |
| U 01 | E. U8 | recognizes the risk of life-threatening conditions | Oral response/test | CC |  |
| U 02 | E. U9 | describes and recognizes the symptoms of shock and acute heart failure | Oral response/test | CC |  |
| U 03 | E. U10 | Recognizes the symptoms of brain injuries and cerebrovascular diseases, dementia syndromes and disorders of consciousness | Oral response/test | 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: 5Skills: 5 |  |
| **Student's amount of work (balance of ECTS points)** |  |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |  |
| 1. Contact hours: | 27 |  |
| 2. Student's own work (self-study): |  |  |
| Total student's workload | 27 |  |
| **ECTS points for module/course** | 1,0 |  |
| **Comments**  | **No 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:** 1**.** Cardiac arrest. Current European Guidelines-adults and pediatric2. Shock –definition, recognition, treatment. Hypovolemia.3. Head injury. Unconsciousness –diagnosis and prehospital procedures.4. The risk dental practice.5. Anesthesia in maxillofacial surgery.6. Local anaesthetics.7. Chronic pain in the facial area |  |
| **Classes**1. Safety anesthesia standards with particular emphasis on outpatient anesthesia. Evaluation of the clinical condition of the patient before surgery, interview, subject examination, premedication orders.2. Treatment of high-risk patients in the dentist's office. Specific problems: endocarditis - prophylaxis, management of patients taking anticoagulants.3. General principles of regional anesthesia. Characteristics of local anesthetic agents. Local anesthetics toxicity. Complications following regional anesthesia.4. Anesthesia in maxillofacial and dental surgery.5. Unconsciousness –diagnosis and prehospital procedures. Shock –definition, recognition, treatment.6. Cardiac arrest. Current European Guidelines-adults and pediatric. |  |
| **Other: not applicable** |  |
| . **Basic literature** (list according to importance, no more than 3 items)1. 2015 ERC Guidelines for Adult Basic Life Support2. 2015 ERC Guidelines for Pediatric Basic Life Support3. Miller’s Anesthesia. Vol 1-2 .Philadelphia 2005, VI-th Edition. Elselvier**Additional literature and other materials** (no more than 3 items)1.Textbook of Critical Care Fink MP., Abraham E., Vincent JL., Kochanek PMPhiladelphia 2005, V-th Edition Elselvier..  |  |
| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…)Multimedia projector, laptop, phantoms. |  |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)Preparation for classes from the recommended textbook and guidelines. |  |
| **Conditions to receive credit for the course** (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 med by the student to pass it and criteria for specific grades)Presence in accordance with the studies regulations |  |
| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) |  |
| Good Plus (4.5) |  |
| Good(4.0) |  |
| Satisfactory Plus (3.5) |  |
| Satisfactory (3.0) |  |
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|  | **Name and address of module/course teaching unit, contact: telephone and e-mail address**...Chair and Clinic of Anaesthesilogy and Intensive Therapy, Borowska 213 Street. Tel.717332310.**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**……………Waldemar Goździk MD, Ph.D**List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.Waldemar Goździk, MD, Ph.D , consultant in anesthesiology and critical care, L/CCBarbara Barteczko –Grajek, MD, Ph. D, , consultant in anesthesiology and critical care, CCMagdalena Kośmider -Żurawska, MD, consultant in anesthesiology and critical care, CCMarek Wełna MD, Ph.D. candidate, anesthesiology and critical care, CCJakub Machoń MD, Ph.D. candidate, anesthesiology and critical care, CC Tomasz Skalec MD, Ph.D. candidate, anesthesiology and critical care, CC

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| **Date of Syllabus development**  | **Syllabus developed by**  |
| ………26.06.2017………………………………….. | dr n.med. Barbara Barteczko-Grajek |
| **Signature of Head of teaching unit** |
| ……………....……………………………………………………………… |

**Signature of Faculty Dean**  |  |
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