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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Syllabus 2020/2021**  **training cycle: ……………………………………………….** | | | | | | | | | | | | | | | | | | | | |
| **Description of the course** | | | | | | | | | | | | | | | | | | | | |
| **Module/Course** | | | | | | **Medical first aid** | | | | | | | | | | | | | | |
| **Faculty** | | | | | | Dentistry | | | | | | | | | | | | | | |
| **Major** | | | | | | Dentistry | | | | | | | | | | | | | | |
| **Specialties** | | | | | | Not applicable | | | | | | | | | | | | | | |
| **Level of studies** | | | | | | Uniform magister studies X\*  1st degree studies  2nd degree studies  3rd degree studies  postgraduate studies | | | | | | | | | | | | | | |
| **Form of studies** | | | | | | X full-time X part-time | | | | | | | | | | | | | | |
| **Year of studies** | | | | | | I | | | | | | **Semester** | | | X Winter  Summer | | | | | |
| **Type of course** | | | | | | X obligatory  limited choice  free choice / elective | | | | | | | | | | | | | | |
| **Course** | | | | | | major X basic | | | | | | | | | | | | | | |
| **Language of instruction** | | | | | | Polish X English 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: 25** | | | | | | | | | | | | | | | | | | | | |
| **Chair and Department of Anaesthesiology and Intensive Therapy** | | |  | **5** |  | |  |  |  | 25 |  | |  |  |  |  | |  |  | |
|  | | |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |  | |
| **Summer Semester: not applicable**. | | | | | | | | | | | | | | | | | | | | |
|  | | |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |  | |
| **TOTAL per year: 30** | | | | | | | | | | | | | | | | | | | | |
| **Chair and Department of Anaesthesiology and Intensive Therapy** | | |  | |  | |  |  |  |  |  | |  |  |  |  | |  |  | |
| **Educational objectives** (max. 6 items)  C1. Objectives of teaching the subject:  C2. Deepening knowledge about first aid.  C3. Preparing the student to perform the cardiopulmonary resuscitation independently  C4. Preparing the student for first aid in a life-threatening condition.  C5. Preparing the student to perform basic nursing procedures. | | | | | | | | | | | | | | | | | | | | |
| **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 | | | | SE/CSC | | | |
| 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 need | | | | | | | Oral response/test | | | | SE/CSC | | | |
| 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 | | | | SE/CSC | | | |
| W 04 | | E.W18 | | | | knows the life-threatening | | | | | | | Oral response/test | | | | SE/CSC | | | |
| W 05 | | E. W20 | | | | knows when to refer the patient to the hospital | | | | | | | Oral response/test | | | | SE/CSC | | | |
| U 01 | | E. U8 | | | | recognizes the risk of life-threatening conditions | | | | | | | Oral response/test | | | | CSC | | | |
| U 02 | | E. U9 | | | | describes and recognizes the symptoms of shock and acute heart failure | | | | | | | Oral response/test | | | | CSC | | | |
| U 03 | | E U 20 | | | | performs basic procedures and medical procedures: temperature measurement, heart rate measurement, non-invasive blood measurement | | | | | | | Oral response/test | | | | CSC | | | |
| \*\* 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: 4 | | | | | | | | | | | | | | | | | | | | |
| **Student's amount of work (balance of ECTS points)** | | | | | | | | | | | | | | | | | | | | |
| **Student's workload**  (class participation, activity, preparation, etc.) | | | | | | | | | | | | | | **Student Workload (h)** | | | | | | |
| 1. Contact hours: | | | | | | | | | | | | | | 30 | | | | | | |
| 2. Student's own work (self-study): | | | | | | | | | | | | | |  | | | | | | |
| Total student's workload | | | | | | | | | | | | | |  | | | | | | |
| **ECTS points for module/course** | | | | | | | | | | | | | | 4 | | | | | | |
| 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. Life threating conditions. 2. Cardiac arrest. Current European Guidelines-adults and pediatric. 3. Shock –definition, recognition, treatment. 4. Bleeding- diagnosis, management. 5. The risk dental practice. | | | | | | | | | | | | | | | | | | | | |
| **Practical classes**   1. Acute life threatening conditions-definition. Organizing and providing first aid. 2. Sudden cardiac arrest: Adult basic life support and automated external defibrillation. 3. Unconscious patient. Causes of unconsciousness, diagnosis and management. 4. Basic and advanced airway management. 5. Adult BLS sequence-phantoms activitities. 6. Adult BLS sequence-phantoms activitities. 7. The use of automatic defibrillators (AED) and hospital defibrillators –exercises on phantoms. 8. Sudden cardiac arrest: Peadiatric life suport. 9. Peadiatric BLS sequnce-phantoms activitities. 10. Peadiatric BLS sequnce-phantoms activitities. 11. Foreign body airway obstruction (choking). 12. Management in case of external and internal bleeding, in superficial injuries, putting on dressings. 13. Shock –definition, recognition, treatment. 14. Soft tissues injuries –prehosptial first aid. 15. Injuries –head, thorax, abdominal cavity. 16. Bone fractures and joint damage - diagnosis, procedure, principles of immobilization of long bone fractures. 17. The position of the patient in various pathological conditions. 18. Thermal and chemical injuries. 19. Drowning, electric shock, hanging. 20. Poisonings - diagnosis, first aid, examples of antidotes. 21. Monitoring of vital functions -basic and advanced. The care for patient- basic rules (toilet, feeding). 22. Injections - types of needles, preparation, precautions, types of injections (intradermal, subcutaneous, intramuscular, intravenous). 23. Intravenous infusions - solutions for infusions, preparation of drip infusion, intravenous catheters (cannulas), putting on the periferal cathether, care of the puncture site. The rules of catheterisation of the urinary bladder. The principles of extracting secretions from the respiratory tract in a patient with artificial respiratory tract. 24. OIT visit. 25. Final test. | | | | | | | | | | | | | | | | | | | | |
| **Other: not applicable**. | | | | | | | | | | | | | | | | | | | | |
| **Basic literature** (list according to importance, no more than 3 items)  1. Oxford Handbook of Accident and Emergency Medicine, II Edition 2005, Oxford  2. Handbook of First Aid and Emergency Care, Revised Edition. AMA , Leikin JB, Feldman BJ. Random House, USA, 2000.  **Additional literature and other materials** (no more than 3 items)  1.ERC 2015 Guidelines for Adult Basic Life support and Paediatric Basic Life support. | | | | | | | | | | | | | | | | | | | | |
| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…) | | | | | | | | | | | | | | | | | | | | |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)  Basic knowledge of anatomy and physiology | | | | | | | | | | | | | | | | | | | | |
| **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)  IMPORTANT! Class attendance cannot be a condition for passing the subject.  **The condition of passing the subject is obtaining credits for all didactic classes . 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.**  **Admission to credit - passing practical skills.**  **Completion of classes - written test.** | | | | | | | | | | | | | | | | | | | | |
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| **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 I Clinic of Anaesthesilogy and Intensive Therapy, Borowska 213 Street. Tel.717332310, kai@umed.wroc.pl  **Coordinator / Person responsible for module/course, contact: telephone and e-mail address**  ……………Waldemar Goździk MD, Ph.D, prof.  **List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Full name | Degree/scientific or professional title | Discipline | Performed profession | Form of classes | | Magdalena Kośmider -Żurawska | MD | Medicine | MD | CSC, SE | | Marek Wełna | Ph.D | Medicine | MD | CSC, SE | | Tomasz Skalec | Ph.D. candidate | Medicine | MD | CSC, SE |  |  |  | | --- | --- | | **Date of Syllabus development** | **Syllabus developed by** | | 29.06.2020  ………………………………………….. | Barbara Barteczko-Grajek MD, Ph.D……........................................... | | **Signature of Head of teaching unit** | | | …………………………………………………… | | | | | | | | | | | | | | | | | | | | |
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