**English Division, Faculty of Medicine, 1st year**

**Subject:**

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| **Medical first aid with elements of nursing** |

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| **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@umw.edu.pl** |

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| **Person responsible for course:** | **Waldemar Goździk,** MD, Professor, Ph. D |
| Phone | **71 733 23 10** |
| E-mail | **waldemar.gozdzik@umw.edu.pl** |

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| **Person responsible for subject organization:** | **Tomasz Skalec,** MD, PhD |
| Phone | **71 733 23 10; 23 11** |
| E-mail | **tomasz.skalec@umw.edu.pl** |

**Localization:**

**Aula, Simulation Center. Chałubińskiego Street 7A , Main Campus, Medical University Wrocław**

**Topics:**

**Practical classes**

1. Organizational classes. Checking the skills on medical first aid. Acute life-treating conditions-definitions. Organizing and providing first aid. Unconscious patient. The causes of unconsciousness, diagnosis and management at the scene of an accident.

2. Sudden cardiac arrest (BLS) in adults - definition, causes, diagnosis and management.

3. Instrumental and non-instrumental methods of airway management - presentation and exercises in simulated conditions.

4. Exercises on phantoms - practical conduct of resuscitation action of adult 1-2 rescuers. The use of automatic defibrillators (AED) and hospital defibrillators - phantom exercises.

5. Basic resuscitation in children. Exercises on phantoms - practical conduct of the resuscitation action for children of 1-2 rescuers.

6. Shock - definition, diagnosis, management. Management in case of external and internal bleeding, stopping bleeding in superficial injuries, putting on dressings. Wounds, types of wounds, general rules for first aid in wounds.

7.Injuries-types of injuries, injury to the chest, abdomen and head. Bone fractures and joint damage-diagnosis, procedure, immobilization rules for long bone fractures. Placing the patients in various pathological conditions. Thermal and chemical injuries. Poisoning –diagnosis, first aid, examples of antidotes. Drowning, electric shock, hanging, choking.

8. Monitoring of vital functions – non-instrumental and instrumental. Care for patient-basic rules (toilet, feeding). Injections-types of needles, preparations, types of injections. Intravenous infusions-solutions for infusions, preparation of drip infusion, intravenous catheters, putting on the venepone, care of the puncture site. The rules of catheterization of the urinary bladder.

Secretion management in the mechanically ventilated patient-the rules.

9. Providing first aid in simulated conditions. Exercises based on the material realized.
10. Passing the class - final test.

**Literature: Guidelines of European Resuscitation Council, International Trauma Life Support**

**Conditions to receive credits:**

**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.
Completion of classes - written test.**

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| **Grade:** | **Criteria for course** |
| Very Good (5.0) | has knowledge of each of the content of education at the level of 90% -100% |
| Good Plus (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% |
| 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% |