**T.C.**

**NİĞDE ÖMER HALİSDEMİR ÜNİVERSİTESİ FACULTY OF MEDICINE**

**SEMESTER 4 ANESTHESIOLOGY AND REANIMATION PRACTICE TRAINING**

**CURRICULUM**

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| --- | --- | --- |
| **Duration** **(Weeks)** | **Class Hours** | **ECTS** |
| **Theoretical** | **Practical** | **Sum** |
| 1 | 9 | 19 | 28 | 2 |

**ANESTHESIOLOGY AND REANIMATION PRACTICE TRAINING TOPICS**

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| **Course: ANESTHESIOLOGY AND REANIMATION PRACTICE TRAINING** **Course Code: TIP4040****ECTS: 2** |
| **Topic**  | **T** | **P**  |
| Frostbite (from the cold) | 1 |  |
| Heat Stroke | 1 |  |
| Shock | 2 |  |
| Poisonings | 1 |  |
| Basic Life Support | 1 | 2 |
| Advanced Life Support | 2 | 2 |
| Airway and balloon mask application  |  | 1 |
| Ability to Intubate |  | 2 |
| IM, IV, SC, ID injection |  | 1 |
| Polyclinic Application |  | 4 |
| Clinical Student Visit  |  | 4 |
| Training with Simulated Patient |  | 3 |

**PURPOSE**

At the end of the Anesthesiology and Reanimation internship, Semester IV students are given theoretical knowledge and practical applications; they will learn initial treatment approaches by identifying the emergency in frostbite, heat stroke and shock; they will know the first treatment approaches and prevention measures in case of poisoning; gain endotracheal intubation skills by recognizing airway tools and equipment, will know the basic concepts and applications of basic life and advanced life support; They will learn IM, IV, SC, ID injection applications.

**LEARNING OBJECTIVES:**

At the end of the Anesthesiology and Reanimation Internship, Semester IV Students;

1. Will know the basic principles of emergency intervention to the patient in frostbite, will be able to make the first treatment and refer to the specialist when necessary,

 2. Will know the basic principles of emergency intervention to the patient in heat stroke, will be able to make the first treatment and refer to the specialist when necessary,

3. Have basic knowledge about shock and will be able to identify emergency situations, perform emergency treatments and refer them to a specialist when necessary.

4. Know the basic principles of emergency intervention to the patient in cases of poisoning and will be able to intervene, apply protection measures,

5. Gain the ability to apply airway and use balloon masks by recognizing airline tools and equipment,

6. Will have experience with endotracheal intubation,

7. IM, IV, SC, ID will have the skill related to injection,

8. Will be able to perform cardiopulmonary resuscitation by knowing the basic theory and application principles related to basic life support and advanced life support in patients; will know the theoretical information about airway, respiratory, circulatory and defibrillation, which are the basic principles of cardio pulmonary resuscitation, and will be able to show how cardiopulmonary resuscitation is performed on a model, will know the universal algorithm applicable to emergency cardiac intervention and basic life support, will be able to evaluate spontaneous breathing and have theoretical knowledge and skills related to the opening of the airway.