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|  | | | **UNIVERSITY OF EAST SARAJEVO**  **Faculty of Medicine Foča** | | | | | | | |  | |
| ***Study program: Nursing*** | | | | | | | |
| I study cycle | | | | III study year | | | |
| **Full subject title** | | | HEALTH CARE IN EMERGENCY SITUATIONS | | | | | | | | | |
| **Department** | | | Department of Surgical Disciplines, Faculty of Medicine Foča | | | | | | | | | |
| **Subject code** | | | | | **Subject status** | | | | **Semester** | | **ECTS** | |
| NU-05-2-040-6 | | | | | selective | | | | VI | | 5 | |
| **Professor/ -s** | | Full professor Veljko Marić, full professor Sanja Marić, associate professor Radmil Marić, associate professor VJeran Saratlić, associate profesor Maksim Kovačević, associate professor Nenad Lalović, assistant profesor Rade Miletić | | | | | | | | | | |
| **Associate/ -s** | | Senior assistant Dalibor Potpara, senior assistant Đorđe Veljović, senior assistant Vanja Starović, assistant Zoran Šarenac | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | **Individual student workload (in hours per semester)** | | | | | | **Coefficient of student workload S** [**1**](#_bookmark0)  **o** |
| **L** | **E** | | | **SP** | | **L** | | **AE** | | **SP** | | **So** |
| 2 | 2 | | | 0 | | 45 | | 45 | | 0 | | 1,5 |
| Total teaching workload (in hours, per semester) 30+30+0=60 | | | | | | | total student workload (in hours, per semester) 45+45+0=90 | | | | | |
| Total subject workload (teaching + student): 60+ 90= 150 hours per semester | | | | | | | | | | | | |
| **Learning outcomes** | | Upon completing the course:   1. The student assesses the general condition of the injured person and performs triage; ensures the airway is clear; independently places an oropharyngeal and endotracheal tube; diagnoses cardiac arrest and independently carries out basic cardiopulmonary resuscitation measures; 2. The student establishes an intravenous line – places a peripheral venous cannula, and takes blood for biochemical tests; 3. The student performs temporary hemostasis (digital compression, compressive bandage); performs wound dressing (all types of bandages)   The student performs immobilization using improvised and standard immobilization devices (splints); places a nasogastric tube; places a urinary catheter; provides patient care. | | | | | | | | | | |
| **Preconditions** | | No preconditions | | | | | | | | | | |
| **Teaching methods** | | Lectures, exercises, seminar, colloquium | | | | | | | | | | |
| **Subject content per week** | | **LECTURES:** | | | | | | | | | | |
| **1.** Polytrauma. Pathophysiology and biomechanics of polytrauma. | | | | | | | | | | |
| 2. Procedures at the accident site – injury (triage, first aid). Transport of the injured . | | | | | | | | | | |
| 3. Procedures upon admission to the emergency center (diagnostics, management procedures, monitoring). Classification (scoring) systems in polytrauma. | | | | | | | | | | |
| 4. Airway and securing the airway | | | | | | | | | | |
| 5. Cardiac arrest and CPR. Special conditions in resuscitation | | | | | | | | | | |
| 6. Soft tissue injuries. Wounds. Burns. Bleeding and hemostasis. | | | | | | | | | | |

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|  | 7. Shock, pathophysiology, therapy.. |
| 8. Emergency conditions in psychiatry. Delirium . |
| 9. Intoxication. |
| 10. Head and spinal injuries. Coma. |
| 11. Injuries of the musculoskeletal system. Immobilisation |
| 12. Chest injuries. Pneumothorax. Hemothorax. |
| 13. Acute abdomen. Abdominal organ injuries . |
| 14. Acute conditions and injuries of the urinary system |
| 15. Health care and nursing procedures in emergency situations (interventional nursing procedures). |
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| **EXERCISES :**  1. Polytrauma. Diagnosis. Assessment of general condition. |
| **2.** Procedures at the scene of an accident – injuries (triage, first aid). |
| 3. Procedures upon admission to the emergency centre (triage, diagnosis, treatment procedures). Monitoring of vital functions. |
| 4. Airway and airway management. Endotracheal intubation. CPR procedures. |
| 5. Bleeding and hemostasis. Digital compression. Pressure bandage. Wound dressing. Bandages . |
| 6. Shock, pathophysiology, therapy. Infusion solutions. |
| 7. Parenteral drug administration |
| 8. Care for intoxicated patients. Insertion of a nasogastric tube. |
| 9. Care for patients with head and spine injuries.. |
| 10. Care for patients with musculoskeletal injuries. Immobilisation. |
| 11. Care for patients with chest injuries. Pneumothorax. Hemothorax. Thoracentesis and drainage |
| 12. Care for patients with acute abdomen and abdominal organ injuries. Care for drains. Care for colostomy bags. |
| 13. Care for patients with urogenital system injuries. Insertion of a urinary catheter. |
| 14. Health care for the injured and ill (patient assessment, turning, nutrition). |

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| 15. Nursing procedures in emergency situations (interventional procedures, dressing, medication administration). | | | | |
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| **Compulsory literature** | | | | | |
| **Author/ s** | | **Publication title, Publisher** | **Year** | **Pages (from-to)** | |
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| **Additional literature** | | | | | |
| Author/ s | | **Publication title, Publisher** | **Year** | **Pages (from-to)** | |
| American Heart Association. | | : 2010 Guidelines; <http://www.onlineaha.org/> | 2010 |  | |
| European Resuscitation Council. | | Summary of tha main changes in the Resuscitation Guidelines, ERC 2010. | 2010 |  | |
| **Student responsibilities, types of student assessment and grading** | **Grading policy** | | **Points** | | **Percentage** |
| Pre-exam activities | | | | |
| Lecture / exercise attendance | | 20 | 20% | |
| Seminar paper | | 20 | 20% | |
| Practical work | | 10 | 10% | |
| Final exam | | | | |
| Final test | | 50 | 50% | |
| TOTAL | | 100 | 100 % | |
| **Certification Date** | December 2024. | | | | |

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