

**Вопросы к экзамену по дисциплине Первая помощь
для студентов 1 курса факультета иностранных учащихся с английским
языком обучения**

**Examination questions for "First aid" exam
(The 1st year students plan 2022-2023)**

1. The history of development, the content of the discipline "First Aid".
2. The concept of types of the medical care.
3. Regulatory legal support for the provision of the first aid to patients by medical workers or persons obliged to provide first aid in accordance with the law.
4. Deontology, ethics, psychology in the relationship of the medical workers with patients.
5. Asepsis and antisepsis, general rules.
6. Definition of the concept of "healthcare-associated infections" (HAIs). Risk factors for the development of HAIs, classification.
7. Source of infection, ways and factors of the transmission, the definition of the HAIs disease.
8. Rules of hygienic hand antiseptic.
9. Personal protective equipment for medical workers.
10. Medical wastes management in the provision of first aid.
11. Prevention of medical workers occupational infection. Measures in case of the contact with the patient biological fluids and contamination of environmental objects.
12. Rules of the first aid organization.
13. Algorithm of action at an emergency. Equipment and techniques at an emergency. Head-to-toe examination of the patient.
14. First aid kit. General principles of the first aid.
15. Methods for transporting victims, removing clothes and shoes.
16. Types of injections, injection technique at the pre-hospital stage. The technique of the pain relief.
17. Assessment of the victim's condition. Measurement of the parameters of vital body functions.
18. Assessment of consciousness, functions of the respiratory and circulatory systems.
19. Characteristics of the pulse, pulse measurement technique. Types and frequency of breathing, counting the breathing rate.
20. Blood pressure measurement technique.
21. Bleeding definition, classification.
22. Criteria for determination of the severity of bleeding.
23. The main clinical symptoms of acute bleeding.
24. Mechanical, physical, chemical, biological methods for stopping bleeding.

25. Nosebleed care.
26. Concept of "injury". Mechanism and circumstances of the injury.
27. Soft tissue injuries, contusion, sprain, dislocation, fracture: clinical manifestations, basics of the emergency medical care. General rules for applying bandage.
28. Chest injuries: the concept of pneumothorax, clinical manifestations, the basics of the emergency care.
29. Crush-syndrome (traumatic rhabdomyolysis or Bywaters' syndrome): clinical manifestations, the basics of the emergency medical care.
30. The types of Eye Injuries (foreign bodies, injuries to the eyeball and eyelids, chemical exposures and burns): clinical manifestations, the basics of the emergency care.
31. Dislocations and fractures: concept and clinical manifestations.
32. First aid for injuries of bones and joints, gunshot wounds of the musculoskeletal system.
33. Transport immobilization, prevention of complications in dislocations and fractures.
34. Wounds: a brief description, the basics of the emergency medical care. The concept of the primary surgical treatment of the wound.
35. First aid for injuries of the skin and mucous membranes. The technique of the removal of splinters, tick removal, complication prevention.
36. Burns: clinical manifestations, methods for determining the area of the burn.
37. Basics of providing emergency medical care at the prehospital stage.
38. Sunburn and dehydration. Heatstroke (sunstroke), lightning strike: first aid.
39. Cold injury (frostbite, general hypothermia): severity, clinical manifestations, basics of emergency medical care at the prehospital stage.
40. Clinical signs of life-threatening conditions in respiratory diseases.
41. Dyspnea, its types, cough.
42. Acute respiratory failure, the basics of emergency medical care.
43. Rules and techniques for using the inhaler.
44. Hemoptysis, pulmonary hemorrhage, basics of emergency medical help at the prehospital stage.
45. Clinical signs of life-threatening conditions in diseases of the cardiovascular system.
46. Acute heart failure, the basics of emergency medical care at the prehospital stage.
47. First aid for patients with the chest pain, fainting, collapse, arrhythmias, hypertensive crisis, acute cerebrovascular accident (stroke).

48. Sudden death (primary cardiac arrest), first aid technique.
49. The concept of the cardiovascular resuscitation. The main resuscitation measures (open airway, artificial ventilation, cardiac compressions). Criteria for the effectiveness of the cardiovascular resuscitation.
50. The main symptoms of the diseases of the gastrointestinal tract.
51. The concept and the main features of the "acute abdominal pain" syndrome. Rules of the transportation of patients with acute abdominal pain syndrome.
52. Gastrointestinal bleeding: causes, clinical symptoms, basics of emergency medical care at the prehospital stage.
53. The concept of the "renal colic", the main clinical symptoms, the basics of emergency medical care at the prehospital stage.
54. Clinical signs of life-threatening conditions in diseases of the central nervous system.
55. Clinical signs of loss of consciousness, the main causes. Seizures, types of seizures. Epileptic seizures. Hysterical seizures.
56. First aid for patients with diseases of the nervous system.
57. First aid for patients with hallucinations, delirium, loss of consciousness.
58. Injuries of the spinal cord and brain: the basics of emergency medical care at the prehospital stage, peculiarities of the transportation of victims and patients.
59. The concept and the mechanism of thermoregulation.
60. Clinical manifestations of fever.
61. First aid for patients with fever.
62. Warming, cold compresses, heating pads, ice packs usage; indications, contraindications.
63. Allergic reactions, the main symptoms and types.
64. Urticaria, drug allergy, anaphylaxis, angioedema (Quincke's edema), first aid.
65. The concept of "acute poisoning".
66. Classification of poisoning and toxic substances. Periods of the acute poisoning.
67. Clinical manifestations of the most frequent acute poisoning (carbon monoxide, alcohol, drugs, poisonous (toxic) plants, mushrooms, pesticides used in agriculture, household poisons).
68. Basics of emergency medical care for acute poisoning at the prehospital stage. Gastric lavage technique.
69. Bites of poisonous snakes, insects, animals: clinical symptoms, the basics of emergency medical care at the prehospital stage.
70. Peculiarities of the first aid in extreme situations (traffic accident, fires).

71. Rules of work in an emergency (features of creating a safe environment and rules for providing assistance).

72. Inhalation of smoke, asphyxia, drowning, the basics of emergency medical care.

73. Electrical incidents: causes, local and general manifestations, course features, first aid.

74. The concept of barotrauma, first aid.

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