

**Questions for the examination on
FUNDAMENTALS OF MEDICAL CARE
for I year students of foreign faculty who are studying in English medium**

1. The definition of "medical care". The role of patient care in the treatment process.
2. Types of health institutions.
3. Basic structural units of stationary type health institutions.
4. Infection control. Prevention of infections in stationary type health institutions.
5. Disinfection.
6. Sterilization techniques.
7. Presterilizing preparation of medical instruments.
8. Decontamination and recycling of old products and medical supplies.
9. The concept of infectious diseases associated with medical aid rendering (nosocomial infections, Hospital-acquired infections).
10. Admissions department.
11. An assessment of patient's functional conditions.
12. Sanitary and hygienic treatment of patients.
13. Taking care of the patient with pediculosis.
14. Anthropometry: determination of height and weight of the patient. Body-weight index.
15. Determination of chest circumference, waist circumference, thigh circumference.
16. Transportation of patients.
17. The concept of Hospital day regimen.
18. The main propulsion modes prescribed therapeutic patients.
19. What is ethics? What is the concept of ethics?
20. The concept of iatrogenic diseases
21. Ethical and juridical (legal) responsibility of medical workers
22. The device of nurse workplace. The main types of medical documents of nursing post.
23. Acceptance and delivery of duty.
24. The organization of safe work conditions of the medical staff: personal hygiene, rules of wearing of overalls, hygienic requirements to footwear, hygiene of arms.
25. Wet cleaning of patients rooms and ward. Current and final disinfection. Ventilation of rooms.
26. The concept of preventive, current and final disinfection
27. Rules of work with disinfectants, preventive maintenance of side effects of chemical preparations.
28. Procedure Health Organization workers in an emergency contact with the patient's biological material contamination of biological material objects of the environment.
29. Equipping and training the workplace to perform injections and intravenous infusions.
30. Apparatus syringes and their varieties. Set of drugs from vials and ampoules.

31. Indications and contraindications for subcutaneous injection. Equipment subcutaneous and intradermal injections. Possible complications of subcutaneous and intradermal injections.
32. Indications and contraindications for intramuscular injection. Technique intramuscular injection. Possible complications of intramuscular injections.
33. Indications and contraindications for intravenous administration of drugs.
34. The method and technique of intravenous blood collection.
35. The method and technique of intravenous bolus.
36. The method and technique of intravenous drip infusion.
37. Possible complications of intravenous infusions.
38. Methods for decontamination and disposal of used products and medical supplies.
39. Personal hygiene of the patient.
40. Changing bed-clothes.
41. Care of the patient's skin.
42. Care of the external genitalia. Intimate washing of patient
43. Care of the mouth.
44. Care of the eyes.
45. Care of the nose and the ears.
46. General characteristics of the human body temperature, and the factors influencing it.
47. Storage and disinfection of thermometers.
48. The temperature measurement technique.
49. The concept of a fever. The types of fevers, their graphic representation.
50. Periods of fever.
51. Care of febrile patients in various stages of fever.
52. Simple medical procedures: Hydrotherapy, hot water-bottles, cups, mustard plasters, leeches, blood-letting, compresses, ice bag.
53. Disinfection of cans warmer.
54. Ways of taking medication: enteral and exterior.
55. Extract, storage medicines guard nurse.
56. Extract, possession of drugs department head nurse.
57. The rules of distribution of medicines.
58. Write-off of narcotic and potent drugs.
59. The basic idea of the function of the respiratory system.
60. The main complaints of patients with the diseases of the respiratory system.
61. Determination of breathing frequency.
62. Caring for patients with respiratory diseases.
63. The concept of instrumental methods of investigation of the respiratory (spirometry, bronchoscopy, bronhografii, pneumotachometry, peak flow).
64. Preparation of patients to the instrumental methods of investigation.
65. Use of a handheld inhaler.
66. The collection of sputum for general analysis, for the analysis of Mycobacterium tuberculosis and atypical cells.
67. The method of oxygen therapy. Indications for oxygen therapy.
68. Safety precautions when working with oxygen devices.

69. The main complaints in cardiovascular diseases.
70. Methods of observation and care of patients.
71. Edemas: types, causes, revealing methods.
72. Water balance, its registration.
73. The concept of acute coronary disease (angina, myocardial infarction).
74. The concept of acute and chronic heart failure.
75. Provide first aid for pain in the heart, suffocation.
76. Characteristics of therapeutic diets used in cardiovascular diseases.
77. Care for patients with diseases of the cardiovascular system.
78. Method of calculation of the pulse.
79. Methods of measuring blood pressure.
80. The concept of hypertension.
81. The concept of acute circulatory collapse (syncope, collapse, shock).
82. Provide first aid for hypertensive crisis, fainting, collapse, shock.
83. The concept of the caloric intake.
84. The human body needs protein, fat, carbohydrates, vitamins, mineral salts, water.
85. The importance of diet as a therapeutic factor.
86. Organization of patient's nutrition in health care organizations.
87. Feeding critically ill patients, elderly, bedridden.
88. The concept of artificial feeding of patients with a probe and parenterally.
89. The main complaints of the patients with diseases of gastrointestinal tract.
90. Observation and care of patients with diseases of the digestive system.
91. Providing first aid in vomiting, gastric bleeding.
92. Methods of collecting vomit for examination.
93. Method of gastric lavage.
94. Nutritional care of patients with diseases of the digestive system.
95. Main complaints of patients with diseases of intestine.
96. Care of patient with diarrhea, constipation, feces incontinence and meteorism.
97. The methods of disinfection of objects of patient care: treatment and supply vessel.
98. Enemas, enemas types. Indications and contraindications for the production of various types of enemas.
99. Preparation of the patient and the conditions for carrying out a cleansing enema.
100. Performance of cleansing enema, siphon enema, nutrient enema, medicinal enema.
101. Introduction of the vapor tube into the rectum.
102. Preparing of patients for gastroduodenoscopy.
103. Preparing of patients for x-rays examination of the stomach.
104. Preparing of patients for ultrasound investigation of internal organs and urinary bladder.
105. Preparing of patients for colonoscopy and x-rays examination of intestine.
106. Feces analysis.
107. The main complains and symptoms in patients with the diseases of kidneys and urinary tract.
108. Daily urine output, registration methods. Assistance with toileting.

109. Observation and care of patients with diseases of kidney and urinary tract
110. The principles of diet in diseases of kidneys and urinary tract.
111. Method of collecting urine for general analysis.
112. Submission of the patient urinal.
113. Methods of disinfection of objects of patient care: treatment of the urinal.
114. Indication for catheterization of urinary bladder.
115. Catheterization of male.
116. Catheterization of female.
117. Preparation of the patient to X-ray examination of the kidneys.
118. Method of urine on Nechiporenko study on Zimnitsky.
119. How is going urine for sugar, glyukozurichesky profile?
120. Psychological and physiological preparation for further studies (bladder catheterization, diagnostic imaging - X-ray examination, renal imaging, sonography, etc.).
121. . Features of care for patients with middle and old age.
122. Observation and hygienic care of patients with deficiency of self-service and a violation of motor activity.
123. The situation in the bed and patient care with the need to change his position in bed, when changing the bed and underwear in critically ill.
124. The concept of bedsores, the mechanism of their occurrence.
125. Skin Care in the presence of pressure sores, methods of prevention and treatment.
126. Feeding critically ill patients, patients, elderly, bedridden.
127. The clinical signs of terminal states.
128. Caring for dying people.
129. The statement of death, legal and ethical standards of treatment of the corpse. Design documentation for delivery to the morgue.
130. Sanitary and epidemiological regime ICU.
131. Secure methods of work in the intensive care unit.