DEPARTMENT OF PROPAEDEUTICS OF INTERNAL DISEASES,
"BELARUS STATE MEDICAL UNIVERSITY"

EXAMINATION QUESTIONS AND LIST OF PRACTICAL SKILLS
for the discipline "Medical Care and Practical skills"
for specialty 1-7-07-0911-01 "General Medicine"
2nd year, 3rd semester

1. Deontological requirements for a nurse's personality. Principles of medical ethics. Ethical and legal responsibility of medical workers.
2. Types of health care settings, conditions of medical service. Outpatient and and inpatient healthcare organizations.
3. The functions of the hospital’s structural units.
4. Organization of work and layout of therapeutic department. Organization of the nurse's office.
5. Duties of a nurse. Procedure for handover and takeover of shifts by medical staff.
6. Admission department: structure, organization of work, medical documentation.
7. Procedure for referring a patient for hospitalization. Admission and registration of patients in the admission department.
8. Sanitary cleansing of patients in the admission department (full, partial).
9. Examination of patients to detect pediculosis and scabies. Treatment of patients in case of pediculosis.
10. Types of patient transportation: by feet, in a wheelchair, on a stretcher, by hands.
11. Personal protective equipment, rules for their use.
12. Hygienic processing of hands according to the EN-1500 standard.
13. Contemporary antiseptics for hand hygiene. Measures in case of accidental contact with patient biological material and contamination of the environment.
14. The concept of healthcare-associated infections (HAIs).
15. Infectious process: links of the infectious process, sources, transmission factors, routes of infection, pathogens.
16. Prevention of healthcare-associated infections.
17. The management of healthcare waste.
18. Sterilization: concept, purpose. Methods of sterilization.
19. Pre-sterilization preparation of instruments and dressings. Quality control of pre-sterilization cleaning. Methods for assessing sterilization quality.
20. Disinfection: concept, purpose. Types of disinfection. Focal and prophylactic disinfection. Methods of disinfection.
21. Contemporary groups of chemical disinfectants. Rules for working with chemical disinfectants.
22. Performing disinfection of medical devices (medical instruments, dressings, patient care items), external surfaces.

23. Types of medical documents, rules for recording in hospital medical documentation. Electronic medical documents.
24. Basic documentation of a therapeutic department. Rules for recording medical documentation.
25. Prescribing, storage, and accounting of medicines. Selection of prescriptions from an inpatient's medical card.
26. Procedure for storage of narcotic drugs and psychotropic substances. Routes of medicine administration.
27. General rules for medicine administration. Rules of medicines preparation and distribution.
28. Enteral medicine administration: routes of administration, dosage forms.
29. External methods of drug administration: advantages and disadvantages, dosage forms.
30. Inhalation method of medicine administration. Use of a personal inhaler, spacer. Use of a nebulizer.
31. Possible complications with various methods of medicine administration.
32. Rules for patient survey. Assessment of the patient's general condition. Vital signs.
33. General examination of the patient. Assessment of the patient's consciousness. Determining the patient's position in bed. Determining the body mass index (BMI, Quetelet index). Assessment of skin condition, presence of edema. Assessment of the condition of visible mucous membranes.
34. Hygienic care of the skin of a patient with self-care deficiency and impaired mobility.
35. Oral and nasal care. Care of eyes, ears, hair, nails. Use of a bedpan and urinal.
36. Bedsores: causes, stages, common area. Skin care for the prevention of bedsores.
37. Basic physiological positions of a patient in bed: Fowler's position, supine, prone, lateral (side-lying), Sims' position. Methods for moving a patient in bed. Devices for creating a comfortable patient position.
38. Basic principles of therapeutic nutrition. Organization of dietary nutrition in healthcare institutions.
39. Feeding patients with self-care deficit and impaired mobility. Types of enteral nutrition.
40. Inserting of a nasogastric tube. Parenteral nutrition.
41. Preparation of patients for laboratory tests.
42. Preparation of patients for instrumental diagnostic methods. Observation and nursing care after diagnostic and therapeutic procedures.
43. Main complaints (symptoms) of patients with respiratory diseases. Monitoring the character of breathing, coughing, and sputum.
44. Counting respiratory rate. Rules of conduct when coughing (cough etiquette). Giving the patient a postural drainage position for productive cough.
45. Medical care for patients with chest pain, dyspnea, choking, asphyxia, hemoptysis, and pulmonary hemorrhage.
46. Rules for using a peak flow meter. Pulse oximetry.

47. Rules of oxygen therapy for respiratory diseases. Methods of oxygen therapy.
48. Body temperature. Types of thermometers. Rules for thermometry, assessment of results. Disinfection and storage of thermometers.
49. Types and characteristics of temperature curves.
50. Stages of fever. Observation and medical care for patients depending on the stage of fever.
51. Heat stroke, sunstroke. Medical care for a patient with hyperthermia.
52. Physical methods of cooling and warming. Application of a hot water bottle, ice pack. General hypothermia. Medical care for a patient with hypothermia.
53. Main complaints (symptoms) of patients with cardiovascular diseases.
54. Pulse characteristics. Categories of blood pressure.
55. Rules for recording an electrocardiogram.
56. Nursing care for patients with edema, dyspnea, circulatory failure, pulmonary edema, during a hypertensive crisis, an attack of angina pectoris, myocardial infarction, acute vascular insufficiency.
57. Main complaints (symptoms) of patients with digestive system diseases.
58. Nursing care for patients with abdominal pain, heartburn, vomiting, gastrointestinal bleeding, flatulence, constipation, diarrhea.
59. Therapeutic nutrition for digestive system diseases.
60. Main complaints (symptoms) of patients with kidney and urinary tract diseases.
61. Rules for assessment of diuresis. Visual assessment of urine properties.
62. Medical care for patients with acute urinary retention, urinary incontinence, renal colic, edema.
63. Organization of work in the intensive care unit (ICU). Main equipment of the resuscitation room.
64. Monitoring the patient's condition based on monitoring equipment data. Care of skin and mucous membranes, organization of nutrition for patients in the intensive care unit.
65. The concept of terminal states. Signs of clinical and biological death.
66. Cardiopulmonary resuscitation (CPR): rules, duration, reasons for stopping resuscitation efforts. Pegistration of death. Rules for handling a corpse.
67. Observation and nursing care for critically ill patients. Principles of palliative care.

Head of the Department  Edward A. Dotsenko.