

**The list of questions for the examination session on the academic discipline
"Medical nursing and manipulation technique"
2nd year, 4th semester of the specialty "General Medicine"**

1. Medical nursing: definition, tasks. Principles of medical ethics. Ethical and legal responsibility of medical workers. Types of medical care. Nomenclature of healthcare organizations, their characteristics.
2. The structure of the hospital healthcare organization. The structure of the department of therapeutic and surgical profile. Responsibilities of a ward nurse.
3. Admission department/ emergency room of a hospital healthcare organization: structure, organization of work, medical documentation. The procedure for admission and registering patients in the admission department. Anthropometrics of patients in the emergency department. Determination of body mass index. Sanitary treatment of patients in the emergency department. Types, characteristics. Examination of patients to detect pediculosis and scabies. Treatment of patients in case of detection of pediculosis.
4. The procedure for transporting patients. The main modes of transportation. Basic positions of the patient in bed. Repositioning of patient in bed.
5. Infection safety and infection control. Aseptic and antiseptic. Infectious process: links, sources of infection, transmission factors, routes of infection, pathogens. Prevention of healthcare-associated infections. Personal protective equipment for medical personnel, rules for their use.
6. Rules for the treatment of medical waste.
7. Sterilization: definition, purpose. Sterilization methods, their characteristics. Methods for quality of sterilization assessment. Pre-sterilization preparation of instruments and dressing materials. Quality control of pre-sterilization cleaning.
8. Disinfection: definition, purpose. Types of disinfection. Disinfection of care items and tools.
9. Modern groups of chemical disinfectants. Rules for working with chemical disinfectants.
10. Types of medical documents, the procedure for medical records performance in a hospital organization. Rules for the discharge, storage and accounting of medicines in the hospital department.
11. Routes of drug administration. General rules for the use of medicines.
12. Skin care for a patient with a self-care deficit. Care of the mucous membrane of the oral cavity, nose, eyes in a patient with self-care deficiency. Bedsores/pressure ulcers: causes, stages, localization sites. Skin care to prevent pressure ulcers.

13. Preparation of patients for laboratory tests (complete blood count, clinical biochemistry, glucose blood test, urinalysis, urinalysis by Zimnitsky, urinalysis by Nechiporenko, urinalysis for bacteriological culture, sputum analysis).
14. Preparation of patients for instrumental visualization (X-ray examination, computed tomography, magnetic resonance imaging, radioisotope scintigraphy, ultrasound examination of internal organs, endoscopic examination, pleural puncture).
15. Medical nursing in patients with respiratory system diseases (chest pain, shortness of breath, suffocation, asphyxia, hemoptysis and pulmonary hemorrhage).
16. Thermometry rules. Fever stages. Observation and Medical nursing in patients depending on the stage of fever.
17. Medical nursing in patients with cardiovascular diseases (edema, shortness of breath, hypertensive crisis, attack of angina pectoris, myocardial infarction, fainting).
18. Medical nursing in patients with digestive system (abdominal pain, vomiting, gastrointestinal bleeding, flatulence, constipation, diarrhea).
19. Medical nursing in patients with diseases of the kidneys and urinary tract (acute urinary retention, urinary incontinence, renal colic, edema).
20. Medical nursing in patients in the intensive care unit. Medical nursing and monitoring in patients elderly and senile age according to their needs. Principles of palliative care.
21. Medical documentation, preparation of the dressing room for dressings. Sterilization methods for reusable medical devices. Collection, packaging and labeling of medical waste in the dressing room.
22. Treatment of hands during medical procedures in the dressing room (indications, types). Rules for the use of gloves in the dressing room.
23. The main and auxiliary premises of the operating block. Operating block areas. Equipment, apparatus and equipment of the operating unit.
24. Sanitary and epidemiological regimen of the operating unit. Types of cleaning of the operating unit.
25. The concept of surgery/surgical intervention, types of surgery and the main indications for surgery.
26. Stages of preoperative preparation of the patient. Features of preoperative preparation in emergent and elective/planned operations. Psychological preparation of patients.
27. Features of preoperative preparation of pregnant women and patients of elderly and senile age. Preparation of the operating field. The concept of premedication.
28. The concept of the postoperative period. Monitoring of patients on the first and subsequent postoperation days. Features of postoperative management of pregnant women and patients of elderly and senile age.
29. Organization of nutrition of patients after surgical interventions. Diet and regimen of parenteral nutrition.
30. Postoperative complications (early and late), their prevention. Pain relief.

31. Requirements for the sanitary and hygienic regime in the departments of septic surgery. Measures aimed at preventing infections associated with the provision of medical care.
32. The main types of drainage of septic cavities. Medical nursing in vacuum wound therapy, flow-aspiration drainage. Caring for abdominal and pleural drains.
33. Monitoring and Medical nursing in patients with various types of wounds.
34. Types of thermal trauma. Medical nursing in patients with burns and frostbite. Features of the sanitary and hygienic regimen in patients with thermal trauma.
35. Positioning of patients with skeletal traction in bed. Features of hygienic care of the skin of the body and perineum in long-term immobilization. Rules for skin care in the pin positions.
36. Organization of the work of the procedure/manipulation room. Sanitary and epidemiological requirements for the organization of the work of the procedure/manipulation room. Medical documentation of the procedure/manipulation room.
37. Ensuring the safety of the nurse in the procedure/manipulation room. Rules for handling medical waste procedure/manipulation room.
38. Parenteral routes of drug administration. Characteristics of medical devices for parenteral administration of drugs.
39. Possible complications in the parenteral route of drug administration, first aid.
40. Rules for venipuncture performance. Ensuring the safety and specifics of preparing the patient for blood sampling for laboratory tests.

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