

**Federal State Budgetary Educational Institution of Higher Education "North  
Ossetian State Medical  
Academy" of the Ministry of Health of the Russian Federation**

Department Internal Medicine No. 1

Department of Surgical Diseases No. 1

**APPROVED**  
**Minutes of the meeting**  
**Central**  
**Coordination Educational and**  
**Methodological Council**  
**from May 23, 2023 Project No. 5**

**ASSESSMENT MATERIALS**

**PRACTICE FOR OBTAINING PROFESSIONAL SKILLS AND PROFESSIONAL EXPERIENCE  
IN THE POSITIONS OF NURSE STAFF (PROCEDURE NURSE ASSISTANT)**  
main professional educational program of higher education – specialty program in  
specialty 31.05.01 “General Medicine”, approved on 24.05.2023.

**for 3rd year students**

**specialty 31.05.01 “General Medicine”**

**specialty 31.05.01 “General Medicine”**

**Reviewed and approved at a department meeting**  
dated May 22, 2023 (protocol No. 10)

**Head of the department**



Doctor of Medical Sciences I.N. Totrov

**Head of the department**



Ph.D. U.S. Beslyakoev

## **STRUCTURE OF FOS**

1. Title page
2. Structure of FOS
3. Review of FOS
4. Passport of assessment tools
5. Set of assessment tools:
  - exam questions
  - bank of situational problems
  - standards of test tasks (with title page and table of contents)
  - exam papers

## Certificate of production practice assessment materials

“Practice to gain professional skills and professional experience in positions of nursing staff (procedural nurse assistant)”

| No.          | Name of the controlled section (topics) of discipline/module  | Code of the competence (stage) being formed | Name of the assessment tool                                      |
|--------------|---|---|--|
| 1            | 2   | 3   | 4  |
| View control | <b>Intermediate</b>   |   |  |
| 1            | Maintaining sanitary-hygienic and medical-protective regime departments.  | OPK-4, OPK-6, PK-1                          | Oral questioning, testing, assessment of practical skills        |
| 2            | Sanitation sick.  | OPK-4, OPK-6, PK-1                          | Oral survey, testing learning, assessment of practical skills    |
| 3            | Transportation of patients.   | OPK-4, OPK-6, PK-1                          | Oral questioning, testing, practical assessment technical skills |
| 4            | Personal hygiene of the patient and medical staff.<br>Nutrition sick.   | OPK-4, OPK-6, PK-1                          | Oral questioning, testing, assessment of practical skills        |
| 5            | The simplest physiotherapeutic procedures. Preparing patients for laboratory and instrumental methods research. | OPK-4, OPK-6, PK-1                          | Oral questioning, testing, assessment of practical skills        |
| 6            | Methods of using medicines  | OPK-4, OPK-6, PK-1                          | Oral survey, testing learning, assessment of practical skills    |
| 7            | Observation care behindpatients with diseases various body systems, including dying patients.                   | OPK-4, OPK-6, PK-1                          | Oral questioning, testing, assessment of practical skills        |

## QUESTIONS FOR THE EXAM

### DEPARTMENT OF INTERNAL DISEASES No. 1

1. Responsibilities of junior and nursing staff. Fundamentals of medical ethics and deontology.
2. Principles of organizing the work of the reception and therapeutic departments.
3. Working hours of the nurse's post. Types of documentation, post equipment.
4. Sanitary-hygienic and medical-protective therapeutic department. Rules for working with HIV-infected and AIDS patients. Safe work techniques.
5. Methods of transporting patients.
6. Basic principles of rational therapeutic nutrition. Dietary (therapeutic) tables. Methods of feeding patients in hospital departments.
7. Personal hygiene of the patient. Rules for changing underwear and bed linen. Skin care. Prevention of bedsores.
8. The use of heat and cold in medical practice. Indications, contraindications.
9. Enemas. Types, rules of production. Indications, contraindications.
10. Bladder catheterization in women and men. Execution technique. Indications, contraindications.
11. Gastric lavage. Execution technique. Indications, contraindications.
12. Fractional study of gastric contents. Technique execution. Indications, contraindications.
13. Duodenal sounding. Execution technique. Indications, contraindications.
14. Pleural puncture. Execution technique. Indications, contraindications.
15. Paracentesis. Execution technique. Indications, contraindications.
16. Rules for preparing patients for instrumental methods of studying the digestive organs.
17. Rules for preparing patients for instrumental methods of examining the organs of the urinary system.
18. Blood, collection of material for laboratory research.  
Kinds laboratory blood tests.
19. The procedure for storing and recording medicines.
20. Methods of using medicines. Technique of intradermal, subcutaneous and intramuscular injections. Prevention of possible complications.

21. Methods of using medicines. Technique of intravenous injections and infusions. Prevention of possible complications.
22. Assessment of the patient's general condition. Clinical significance.
23. Methods for measuring body temperature. Care and provision of first aid to febrile patients in various stages of fever.
24. Characteristics of breathing. Counting the frequency of respiratory movements. Clinical significance. Pathological forms of breathing.
25. Properties of the arterial pulse. Counting rules. Clinical significance.
26. Acute respiratory failure. Clinical symptoms. Urgent Care. Oxygen therapy. Indications for use. Security measures.
27. Angina pectoris. Clinical symptoms. ECG diagnostics. Urgent Care.
28. Myocardial infarction. Clinical symptoms. ECG diagnostics. Urgent Care.
29. Acute coronary syndrome. Clinical symptoms. ECG-diagnostics. Urgent Care.
30. Acute vascular insufficiency (fainting, collapse). Clinical symptomatology. Urgent Care.
31. Renal colic. Clinical symptomatology of the attack. Urgent Care.
32. Hepatic colic. Clinical symptomatology of the attack. Urgent Care. Possible complications.
33. Abdominal pain, mechanism of occurrence. Clinical diagnosis. Urgent Care.
34. Attack of cardiac asthma. Clinical symptomatology. Urgent Care.
35. Hypertensive crisis. Clinical symptomatology. Urgent Care. Rules for measuring blood pressure.
36. Clinical symptomatology of nasal, pulmonary, gastrointestinal bleeding. Differential diagnostic criteria. Urgent Care.
37. Anaphylactic shock and Quincke's edema. Clinical symptomatology. Urgent Care.
38. Hypoglycemic and hyperglycemic coma. Clinical symptomatology. Urgent Care.
39. Terminal states. Ascertainment of death and rules for handling a corpse.

40. Indications for pulmonary-cardiac resuscitation (artificial respiration, chest compressions). Technique. Conditions for cessation of resuscitation measures.

**DEPARTMENT OF SURGICAL DISEASES No. 1**

1. Finger examination of the rectum. Technique.  
Indications. Contraindications.
2. Carrying out puncture of the pleural and abdominal cavities.
3. Methods and techniques for temporarily stopping external bleeding.
4. Rules and techniques for performing artificial respiration. Indications for resuscitation measures.
5. Methods for treating the surgeon's hands and the surgical field.
6. Draw up a plan for examining patients with traumatic injuries to the abdomen. Palpate the abdomen to determine symptoms of peritoneal irritation.
7. Determination of dislocation and fracture on an x-ray. Rules for applying transport tires.
8. Assess the condition of the wound and choose a treatment method.  
Instrumental dressing of wounds.
9. Filling out the blood transfusion protocol. Monitoring the condition of patients during blood transfusion.
10. Draw up a plan for examining patients with traumatic injuries of the chest.  
Determination of hydro- and pneumothorax on an x-ray.
11. Determination of blood group according to the ABO system and Rh status using the express method. Conducting a test for individual compatibility of the blood of the donor and recipient.
12. Rules for placing dressings, surgical clothing, masks, and gloves in bins.  
Assessment of the sterility of material in containers.
13. Draw up a plan for examining patients with bleeding. Determine the type of bleeding.
14. Draw up a plan for examining patients with bleeding. Assess the severity of blood loss.
15. Draw up a plan for examining patients with traumatic injuries to the abdomen. Perform abdominal percussion to determine free gas in the abdominal cavity when hollow organs are perforated.
16. Duodenal sounding. Methodology. Indications, contraindications.

17. Describe the wound. Remove stitches from the wound.
18. Temporary stop of external bleeding. Anterior nasal packing for epistaxis.
19. Restoring the patency of the upper respiratory tract.  
Carrying out artificial respiration.
20. Performing local infiltration anesthesia of superficial soft tissues. Performing conduction anesthesia according to Lukashevich-Oberst.
21. Perinephric block. Technique. Indications, contraindications.
22. Bladder catheterization. Technique for men and women. Indications, contraindications.
23. Performing auscultation of the abdominal cavity for aneurysms, arterial stenosis, and suspected peritonitis and intestinal obstruction.
24. Percussion of the chest with determination of fluid in the pleural cavity.  
Method of performing pleural puncture.
25. Cleansing enema and gas removal from the colon.  
Methodology for performing the procedure. Indications, contraindications.
26. Check the suitability of blood and its preparations for transfusion. Complete the blood transfusion protocol.
27. Determination of vascular pulsation at various points. Quantitative and qualitative characteristics of the pulse.
28. Wound dialysis through a flow-flushing system. Removing drains and tampons.
29. General signs of blood loss. Characteristics of external bleeding.
30. Rules and techniques for administering medications through drainages and microirrigators.
31. Duodenal sounding. Execution technique. Indications, contraindications.
32. Intravenous injections and intravenous drips. Execution technique. Possible complications.
33. Rules and techniques for applying bandages and scarves. Use of surgical masks and individual dressing packages.
34. Feces, collection of material for laboratory testing. Types of laboratory tests of stool. Features of caring for patients with fecal incontinence.

- 35.Sputum. Types of laboratory tests. Collection of material for laboratory testing.
- 36.Urine, collection of material for laboratory testing. Types of laboratory tests of urine. Features of care for patients with urinary incontinence.
- 37.Performing local infiltration anesthesia of superficial soft tissues. Rules and techniques for treating superficial hematomas and soft tissue abscesses.
- 38.Probing and gastric lavage. Technique. Indications, contraindications.
- 39.Rules and techniques for active-passive prophylaxis of tetanus.
- 40.Determination of the presence of free gas in the abdominal cavity on an x-ray. Percussion of the abdomen to determine the presence of free gas in the abdominal cavity during perforation of hollow organs.



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### Table of contents

| No.                    | Name of controlled section (topic) of the discipline/module  | Number of tests (total) | page from _to_ |
|------------------------|--|-------------------------|----------------|
| 1                      | 2  | 3                       | 4              |
| <b>Type of control</b> | <b>Intermediate</b>  |                         |                |
| 1                      | Getting to know the organizationreception work therapeutic departments and functional features<br>junior medical staff | 64                      | 15-23          |
| 2                      | Maintaining sanitary-hygienic and medical-protective regime departments  | 34                      | 23-28          |
| 3                      | Sanitation sick  | 18                      | 28-30          |
| 4                      | Transportation of patients.  | 13                      | 30-32          |
| 5                      | Personal hygienepatient medical staff.<br>Nutrition sick   | 65                      | 32-40          |
| 6                      | The simplest physiotherapeuticprocedures. Preparation patients laboratory-instrumental methods<br>research             | 43                      | 40-45          |
| 7                      | Methods of using medicines   | 24                      | 45-47          |
| 8                      | Observation and care behindpatients with diseasesvarious systemsbody, includingisa dying patients                      | 145                     | 48-66          |

**INTRODUCTION TO THE ORGANIZATION OF WORK OF THE  
ADMISSION AND THERAPEUTIC DEPARTMENTS AND  
FUNCTIONAL  
RESPONSIBILITIES OF JUNIOR MEDICAL STAFF**

1. What are the student's main objectives when studying general nursing? a)  
mastering the technique of operations  
b) mastering the technique of examining a  
patient c) providing first aid  
d) practical mastery of nursing skills e) diagnosis

2. Who should provide care for the sick? a)  
relatives of the patient  
b) all medical workers c) doctor  
d) patients in the ward  
d) nurse

3. What does medical deontology study? a)  
the relationship between doctor and patient  
b) issues of duty, morality and professional ethics c)  
iatrogenic diseases  
d) the relationship between medical staff and the patient's relatives e) all of  
the above are true

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**Department of Internal Medicine No. 1**

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**Faculty Medicinal**

**Well3**

**Practice** Practice to gain professional skills and professional experience in nursing positions (procedural nurse assistant)

### **Situational task**

1. As a result of a blow to the bridge of the nose with a fist, profuse bleeding began. The patient is restless, spits blood, and partially swallows it.

**Questions:**

1. Determine the patient's emergency.
2. Create an algorithm for providing first aid.

### **Situational task**

1. In a planned manner, 40 patients were operated on within one month by the same surgeon. Of these, 5 had suppuration of the wounds, and two had suture dehiscence.

**Question:**

What is the cause of complications and how to identify the cause?

**Head Department of Internal Medicine No. 1, Doctor of Medical Sciences I.N. Totrov**

**Head Department of Surgical Diseases No. 1, Ph.D. U.S. Beslekov**

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**Course 3**

**Practice** Practice to gain professional skills and professional experience in nursing positions (procedural nurse assistant)

**Examination ticket**

1. Responsibilities of junior and nursing staff. Fundamentals of medical ethics and deontology.
2. Digital examination of the rectum. Execution technique. Indications. Contraindications.

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