

**Evaluation tools for certification
in the discipline "General surgical care"
for students (2024) in the educational program
of the specialty specialty 31.05.03 Dentistry,
orientation (profile) Dentistry,
full-time education, for the 2025-2026 academic year**

1.1.1. Evaluation tools for conducting current certification in the discipline The current certification includes the following types of tasks: testing, solving situational problems, evaluating the development of practical skills, control work, writing and defending an abstract, interviewing control issues, preparing a report.

1.1.2. Examples of test tasks: Verifiable indicators of competence achievement.

1. A purulent wound during dressing was treated with a 3% solution of hydrogen peroxide, drained and drained. This is an antiseptic:

- a) chemical;
- b) physical;
- c) mechanical;
- d) biological;
- e) mixed.

2. Which method is related to mechanical antiseptics?

- a) flow drainage of the wound;
- b) vacuum drainage of the wound;
- c) primary surgical treatment of the wound;
- d) ultrasonic cavitation of the wound;
- e) flow-through enzymatic dialysis.

3. How is the surgical material (gowns, masks, dressings) sterilized?

- a) by boiling;
- b) steam under pressure;
- c) soaking in alcohol;
- d) soaking in Lugol solution;
- e) dry heat.

4. Which of the following drugs are not classified as biological antiseptics?

- a) vaccines;
- b) specific serums;
- c) antibiotics;
- d) sulfonamides;
- e) blood transfusion.

5. What is the method of mechanical antiseptics?

- a) flow drainage of the wound;
- b) vacuum drainage of the wound;

1.1.2. Example of a situational task:

You will have a blood transfusion to a patient in the surgical department. Determine the suitability of blood products for transfusion. Verifiable indicators of competence achievement: YK-1.1.1, YK-1.2.1

1.1.3. Examples of tasks for assessing the development of practical skills

Verifiable indicators of competence achievement: ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.

- 1. Prevention of postoperative shock.
- 2. Prevention of postoperative phlebitis, thrombophlebitis.
- 3. Prevention of postoperative complications from the abdominal organs.
- 4. Prevention of postoperative purulent complications and suppuration of wounds.
- 5. Prevention of airborne infection.
- 6. Types of drainage, drainage care
- 7. Types and methods of drainage of the abdominal cavity, drainage care.
- 8. Types and methods of pleural drainage, drainage care.
- 9. The use of antiseptic drugs in the treatment of wounds

10. Preparation of patients for X-ray examination of the stomach, colon.

1.1.4. 1.1.4. An example of a variant of the control work. Verifiable indicators of competence achievement: ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.

1. First aid in case of respiratory arrest.
2. Artificial ventilation of the lungs.
3. First aid for transfusion of incompatible blood
5. First aid for asphyxia, laryngospasm.
5. Open and closed heart massage.

1.1.5. Examples of abstract topics. Verifiable indicators of competence achievement: ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.

1. Technique of intramuscular administration of drugs.
2. The technique of subcutaneous injections of drugs.
3. Prevention of post-injection complications.
4. Parenteral drug administration technique.
5. The technique of assembling the system for intravenous transfusion.

1.1.6. Examples of control questions for the interview. Verifiable indicators of competence achievement:YK-1.1.2

1. Types of soft headbands, eyes, neck, nose.
2. Types of soft bandages on the hand (finger, glove, wrist joint).
4. Types of soft bandages on the upper limb.
4. Breast bandage, Dezo bandage, Velpo bandage.
5. Soft foot bandages

1.1.7. Examples of the topics of the reports. Verifiable indicators of competence achievement: ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.

1. Immobilization in case of damage to the shoulder girdle, upper extremities.
2. Thermometry, graphical registration.
3. The technique of setting jars, mustard plasters.
4. The technique of enemas (cleansing, siphon, therapeutic, nutritious)
5. Types of laying the patient on the operating table.
6. Preparation of the operating field.

1.2. Evaluation tools for conducting intermediate certification in the discipline The intermediate certification is conducted in the form of an exam. The intermediate certification includes the following types of tasks: solving a situational problem, an interview.

1.2.1 Testing for intermediate certification is not provided

1.2.1 An example of a situational task. Verifiable indicators of competence achievement: ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.

A 28-year-old patient had a glass fall out 1 hour before admission to the surgical hospital during the repair of a window wound, as a result, damage to the soft tissues of the right forearm occurred with massive bleeding with a pulsating jet of scarlet color. The patient independently applied a bandage to his forearm and went to the hospital. During examination in the emergency room, the patient complains of general weakness, dry mouth, and dizziness. The skin is pale, Blood pressure is 110/70 mmHg, pulse is 88 beats per minute, rhythmic. When examining the hand, there is a circular bandage on the right forearm, abundantly soaked in blood, blood discharge from under the bandage was noted. What is your diagnosis? What are your next tactics?

Answer: Incised wound of the right forearm, ongoing bleeding. Stopping bleeding by applying a tourniquet, prevention of tetanus, vascular shock as the final stop of bleeding.

**LIST OF QUESTIONS FOR INTERMEDIATE CERTIFICATION (CREDIT)
IN THE DISCIPLINE "GENERAL SURGICAL CARE"**

Questions for intermediate certification (credit).	Проверяемые компетенции
1. Prevention and treatment of postoperative intestinal paresis.	ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.
2. A siphon enema. Indications, methods of conducting, prevention of possible complications.	ПК-6.1.1.,
3. Features of patient care in urology.	ПК-3.1.1
4. First aid for terminal condition.	ПК-6.2.1., ПК-6.3.1.
5. Defibrillation of the heart (indications, procedure).	ПК-6.2.1.
6. Features of the care of patients operated on the urinary organs.	ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.
7. Features of the care of patients operated on the main vessels of the extremities.	ПК-6.1.1.,
8. Features of care for traumatological patients.	ПК-3.1.1
9. Medicinal enema (indications, methods of administration, possible complications and their prevention).	ПК-6.2.1., ПК-6.3.1.
10. Features of the care of patients operated on abdominal organs.	ПК-6.2.1.
11. Features of the care of patients operated on the organs of the thoracic cavity.	ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.
12. Respiratory arrest. Preventive measures, first aid.	ПК-6.1.1.,
13. Cardiac arrest, first aid.	ПК-3.1.1
14. The concept of medical deontology and medical ethics.	ПК-6.2.1., ПК-6.3.1.
15. Medical secrecy. Ethical and legal issues of medical secrecy.	ПК-6.2.1.
16. Deontology in surgery.	ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.
17. Banks, mustard plasters, indications, contraindications to their use.	ПК-6.1.1.,
18. Gastric probing. Indications, contraindications. Complications and their prevention.	ПК-3.1.1
19. Prevention of nosocomial infection.	ПК-6.2.1., ПК-6.3.1.
20. Rules of personal hygiene when caring for patients.	ПК-6.2.1.
21. Hardening as a measure to prevent inflammatory diseases.	ПК-3.1.1., ПК-6.2.1., ПК-6.3.1.
22. Measures to prevent the spread of HIV infection.	ПК-6.1.1.,
23. Abacterial medium - its use in surgical practice.	ПК-3.1.1
24. Oxygen therapy. Its use in surgical practice.	ПК-6.3.1.
25. The device and regime of medical institutions.	ПК-6.2.1.
26. The regime and organization of nutrition of patients.	ПК-3.1.1.
27. Methods of influence on blood circulation.	ПК-6.1.1.,
28. Features of the care of patients operated on the thyroid gland.	ПК-3.1.1
29. Features of care for patients with surgical complications of diabetes mellitus.	ПК-6.2.1., ПК-6.3.1.
30. Features of the care of patients operated on the adrenal glands.	ПК-6.2.1.
31. Body temperature measurement technique. Temperature curve.	ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.
32. Rules of care for a seriously ill patient, change of underwear and bed linen.	ПК-6.1.1.,
33. The method of measuring blood pressure by the Korotkov method.	ПК-3.1.1
34. Rules for applying a warming compress.	ПК-6.2.1., ПК-6.3.1.
35. Prevention of bedsores and their treatment.	ПК-6.2.1.
36. Transportation of patients on a gurney, stretcher and hands.	ПК-3.1.1., ПК-6.1.1., ПК-6.2.1., ПК-6.3.1.
37. Rules of inspection for the presence of pediculosis and sanitation.	ПК-6.1.1.,
38. Rules for the collection of biological material (sputum, urine, feces) for laboratory testing.	ПК-3.1.1
39. The technique of anthropometric measurements.	ПК-6.2.1., ПК-6.3.1.
40. Pulse characteristics. Pulse detection technique.	ПК-6.2.1.

LIST OF PRACTICAL SKILLS IN THE DISCIPLINE

1. Preparation of dressings and linen for sterilization.
2. Sterilization of instruments in a purulent dressing room.
3. Assessment of the quality of pre-sterilization treatment and sterilization.
4. Sterilization of instruments, dressings and sutures.
5. Sterilization of endoscopic equipment, rubber and plastic products.
6. Preparation of dressings and linen for sterilization.
7. Sterilization of instruments in a purulent dressing room.
8. Sterilization of instruments, dressings and sutures, rubber gloves.
9. Sterilization of nipples, catheters, gastric probes, etc. of rubber and plastic products.
10. Primary pre-medical treatment of wounds.
11. Applying various types of bandages and stickers.
12. Application and removal of plaster splints
13. Transport immobilization in case of suspected fracture.
14. Performing subcutaneous and intramuscular injections.
15. Methods of assembly and preparation of the system for

Considered at the meeting of the Department of General Surgery "02" June 2025, protocol No14

Head of the Department



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