

**Assessment tools for certification
for the practice "Industrial practice (practice in obtaining professional skills
and professional experience in the positions of mid-level medical personnel
(assistant to a procedural nurse of a surgical profile))"
for students of 2024 year of admission
under the educational programme
31.05.01 General medicine,
specialisation General medicine
Specialist's,
form of study full-time
for the 2025-2026 academic year**

Forms of current progress monitoring: assessment of the level of competency formation is carried out during students' contact work with instructors during the educational practice based on the results of interviews on control questions, students' demonstration of practical skills (abilities), checking and submission of the educational practice diary.

Interim certification is conducted in the form of a graded pass/fail exam. Interim certification for the practice includes the following types of tasks: an interview on control questions, assessment of the mastery of practical skills (abilities), preparation of a report (consisting of the defense of the practice diary and report on the results of completing individual assignments).

1. List of control questions for the interview

№	Certification questions	Verified indicators of competency achievement
1.	Safety regulations when working in a surgical department.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
2.	Fire safety regulations when working in a surgical department.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
3.	Prevention of novel coronavirus infection (COVID-19) among healthcare workers.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
4.	The procedure room in the surgical department of a healthcare facility. Tasks. Work schedule.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
5.	Key regulatory legal acts in the work of a procedural nurse in a surgical department.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
6.	Sanitary and hygienic requirements for the procedure room of a healthcare facility department.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
7.	Equipment, inventory, and instruments of the procedure room.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
8.	The concept of the job description of a procedural nurse in a surgical profile.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
9.	Rights and responsibilities of a procedural nurse in a surgical profile.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
10.	Appearance requirements for a procedural nurse in a surgical profile.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
11.	Medical ethics. Concept, principles.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
12.	Medical deontology. Concept, principles.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
13.	Hand hygiene of a procedural nurse.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
14.	Cleaning of the procedure room. Types of cleaning.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
15.	Disinfection of air and environmental surfaces in the procedure room.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
16.	The concept of asepsis and antisepsis.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
17.	Prevention of nosocomial infections.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
18.	Prevention of healthcare-associated infections.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1

19.	Medical documentation of the procedure room.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
20.	Routes of drug administration.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
21.	Features of parenteral drug administration.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
22.	Types of injections, their characteristics.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
23.	Equipment for performing injections. Classification of syringes for injections.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
24.	Intradermal injections. Indications, contraindications, technique.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
25.	Subcutaneous injections. Indications, contraindications, technique.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
26.	Intramuscular injections. Indications, contraindications, technique.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
27.	Intravenous injections. Indications, contraindications, technique.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
28.	Post-injection complications. Classification, characteristics.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
29.	Features of performing injections for critically ill patients in the ward of a surgical department of a healthcare facility.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
30.	Features of drug administration in skin diseases and with a history of allergies.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
31.	Intravenous infusions. Indications, contraindications, technique.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
32.	Ensuring the safety of infusion therapy.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
33.	Peripheral venous catheter. Indications and contraindications for placement. Placement technique. Care.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
34.	Disinfection and disposal of single-use syringes and needles.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
35.	Nurse's participation in determining blood group and Rh factor.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
36.	Blood sampling for laboratory tests. Indications, technique.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
37.	Sequence of actions in case of patient blood contact on clothing, skin, or eyes of the nurse.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
38.	Features of patient preparation for blood sampling for various laboratory diagnostic purposes.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
39.	Measures for the prevention of HIV infection and viral hepatitis.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
40.	Main documentation of the procedure room in a surgical department.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
41.	Rules for prescribing and storing medications in the procedure room of a surgical department.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
42.	Procedure in case of skin puncture of a procedural nurse with a used needle.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
43.	Providing first aid for urticaria.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
44.	Providing first aid for angioedema.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
45.	Providing first aid for anaphylactic shock.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
46.	Requirements for the equipment of first aid kits with medical devices.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
47.	The concept of basic cardiopulmonary resuscitation.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
48.	Monitoring patient status (measuring blood pressure, heart rate, respiratory rate).	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
49.	Technique for performing cardiopulmonary resuscitation.	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1
50.	Assessment of the effectiveness of cardiopulmonary resuscitation..	ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1

Questions for assessing the mastery of practical skills:

(verified indicators of competency achievement): ОПК-10.3.1; ПК-2.1.2; ПК-6.2.1)

1. Labor protection and safety regulations when working in a surgical procedure room;
2. Disinfection of air and environmental surfaces in the procedure room;
3. Algorithm for conducting daily cleaning of the procedure room in a surgical department;
4. Algorithm for conducting general cleaning of the procedure room in a surgical department;
5. Rules for hand hygiene of the procedure room nurse;
6. Technique for performing an intradermal injection;

7. Technique for performing a subcutaneous injection;
8. Technique for performing an intramuscular injection;
9. Technique for performing an intravenous drip injection;
10. Technique for performing an intravenous bolus injection;
11. Technique for performing an intravenous infusion;
12. Rules for applying a tourniquet for venous blood sampling;
13. Technique for peripheral venous blood sampling;
14. Rules for disinfection and disposal of used single-use syringes and needles;
15. Technique for measuring blood pressure;
16. Technique for measuring pulse;
17. Technique for measuring respiratory rate;
18. Algorithm for providing first aid for urticaria;
19. Algorithm for providing first aid for angioedema;
20. Algorithm for providing first aid for anaphylactic shock;
21. Algorithm for performing basic cardiopulmonary resuscitation.

Reviewed at the meeting of the Department of General Surgery on June 02, 2025,
protocol № 14

Head of the Department
of General Surgery,
Professor



S.I.Panin