

**Assessment tools for certification
in practice "Clinical practical training
(physician assistant to primary care medical officer)"
for students of the 5th year of education of the educational program
in the specialty 31.05.01 General Medicine
(specialist degree)
form of study: Full-time form
for the 2023-2024 academic year**

1. Assessment tools for conducting current certification in practice "Clinical practical training (physician assistant to primary care medical officer)"

Current certification includes the following types of tasks: assessment of mastering for practical abilities (skills), independent student's work in registration of medical documentation (medical documents of a primary care medical officer).

1.1. Examples of test tasks for evaluation of mastering for practical abilities:

Tested competencies: ОПК-6, ОПК-9, ПК-1, ПК-2, ПК-5, ПК-6, ПК-7, ПК-8, ПК-9, ПК-10, ПК-11, ПК-14, ПК-16, ПК-18.

- 1) Demonstrate how medical personnel should interact with emergency services, including fire brigades, service of incidence response, police, trouble crew of gas distribution services
- 2) Create the surveillance plan for the patient with angina pectoris (stable chronic coronary disease)
- 3) Create the surveillance plan for the patient with diabetes mellitus type 2
- 4) Demonstrate skills of intramuscular injections
- 5) Demonstrate skills of blood pressure measurements
- 6) Demonstrate skills of pulse oximetry
- 7) Demonstrate skills of peak flowmetry
- 5) Demonstrate skills of cardio-pulmonary resuscitation (advanced life support)

2. Assessment tools for conducting intermediate certification in practice "Clinical practical training (physician assistant to primary care medical officer)"

Intermediate certification in practice "Clinical practical training (Physician assistant to primary care medical officer)" is carried out in the form of a credit with grade.

The intermediate certification in practical training includes the following type of tasks: presentation of reports (diary of practical training) of independent work according to individual task, assessment of mastering for practical abilities (skills), an interview with assessment of competencies through answers to control questions.

2.1 Examples of tasks to assess the development of practical skills

№	Examples of practical skills for intermediate certification	Verifiable competencies
1.	Demonstrate methods of cardio-pulmonary resuscitation (advanced life support)	ПК-8, ПК-10, ПК-11
2.	Demonstrate skills of blood pressure measurement	ОПК-9, ПК-8, ПК-10, ПК-11
3.	Write down a prescription for a medicinal product (form 107/y)	ОПК-6, ПК-8, ПК-9
4.	Write down a surveillance plan for the patient	ОПК-6, ОПК-9, ПК-1, ПК-2, ПК-14, ПК-16, ПК-18
5.	Write down a report of the results of a first stage of regular medical examination of the adult population	ОПК-6, ОПК-9, ПК-1, ПК-2, ПК-14, ПК-16, ПК-18
6.	Issue a certificate of incapacity for work (seek leave) for a patient	ОПК-6, ПК-7, ПК-8
7.	Interpret the results of a laboratory examination	ОПК-9, ПК-5, ПК-6
8.	Interpret the results of an instrumental (visualizing) examination	ОПК-9, ПК-5, ПК-6
9.	Perform transport immobilization in trauma	ПК-8, ПК-10, ПК-11
10.	Create an algorithm of investigations for the patient	ОПК-6, ОПК-9, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-11
11.	Create an algorithm of treatment for the patient	ОПК-6, ПК-8, ПК-9, ПК-10, К-11, ПК-14, ПК-18

2.2. The list of control questions for the interview

№	Questions for assessment	Verifiable competencies
1.	History of out-patient medical services in Russia and in the Volgograd region	ОПК-6
2.	Main tasks, structure, and functions of an out-patient clinic. Features of out-patient medical services in Volgograd region	ОПК-6
3.	Main tasks and functions of a district primary care physician	ОПК-6
4.	Main tasks and functions of a physician providing primary specialized medical care	ОПК-6
5.	Basic rules of safety precautions in work of a district primary care physician while in an out-patient clinics or on call	ПК-1
6.	Organization of activities of a district primary care physician, cabinet equipment standard for a district primary care physician. Changes in structure and activities of out-patient medical services in the Volgograd region in 2024	ПК-9, ПК-18
7.	Main medical documentation of a district primary care physician. Features of documents in paper and electronic formats.	ОПК-6
8.	Rules of registration of electronic medical records in Volgograd region	ОПК-6
9.	Regular medical examination of the adult population: definition, aims, tasks, number of investigations during the 1 st stage of regular medical examination.	ОПК-9, ПК-2, ПК-16

10.	Regular medical examination of the adult population: definition, aims, tasks, number of investigations during the 2 nd stage of regular medical examination.	ОПК-9, ПК-2, ПК-16
11.	Medical surveillance of patients with chronic disorders of cardiovascular system of non-infectious origins: definition, aims, tasks, number of investigations	ОПК-9, ПК-2, ПК-16
12.	Medical surveillance of patients with chronic disorders of respiratory system of non-infectious origins: definition, aims, tasks, number of investigations	ОПК-9, ПК-2, ПК-16
13.	Medical examinations (types, tasks, and intervals for performance)	ОПК-6, ОПК-9, ПК-1, ПК-2, ПК-5, ПК-6, ПК-14, ПК-16, ПК-18
14.	Indications for hospitalization (emergency and planned hospitalization)	ПК-10; ПК-11
15.	Indicators for hospitalizations in trauma	ПК-10; ПК-11
16.	The procedure for organizing the provision of primary medico-sanitary care of adult population in Russian Federation	ОПК-6
17.	Principles of medical surveillance of patients with chronic non-infectious disorders: indicators of effectiveness, ground for terminating surveillance	ПК-2, ПК-18
18.	Basics of medical rehabilitation of patients in out-patient clinics. Types of dispensaries in Volgograd and Volgograd region, features of their activities	ПК-2, ПК-18
19.	Prevention of HIV-infection and viral hepatitis during activities of physicians at out-patient clinics.	ПК-1
20.	Structure and main tasks of departments of medical prevention in out-patient clinics. Patient's schools in out-patient clinics of the Volgograd region.	ПК-2
21.	Structure and main tasks of departments of emergent and urgent medical care in out-patient clinics.	ПК-11
22.	Structure and main tasks of register desk (office) in out-patient clinics.	ПК-9
23.	Structure and main tasks of day-care hospitals in out-patient clinics. Features of day-care hospitals in out-patient clinics of Volgograd	ПК-9, ПК-18
24.	Emergency incident: notification procedure	ПК-11
25.	Ethics and deontology in work of physicians at out-patient clinics. Prevention of iatrogenic accidents.	ОПК-6
26.	AV-blocks and SA-blocks: clinical features, ECG-diagnostics, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
27.	Dislocations, fractures, and bruises: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
28.	Hematuria: differential diagnosis and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
29.	Hypertensive emergencies: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
30.	Hyperglycemic coma: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
31.	Hypovolemic shock: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
32.	Hypoglycemic coma: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11

33.	Dizziness and vertigo: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
34.	Cardiogenic shock: clinical features, and emergency care at out-patient stage.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
35.	Clinical and biologic death: criteria. Rules and regulations for handling a corpse, actions of a physician when death occurs in an out-patient clinics, at home.	ПК-11
36.	Pulmonary hemorrhage: clinical features, and emergency care at out-patient stage	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
37.	Fever: types, clinical features, and emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
38.	Methods of ECG interpretation (heart rate and rhythm determination, signs of ischemia and necrosis)	ПК-5; ПК-6
39.	Methods of transport immobilization (fracture splinting)	ПК-5; ПК-6
40.	Impaired consciousness: types, reasons for development, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
41.	Burns and burn shock: classification, clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
42.	Acute left ventricular heart failure: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
43.	Acute adrenal insufficiency: clinical picture, diagnosis, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
44.	Acute renal colic: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
45.	Acute cardiovascular failure (fainting, collapse). Features and diagnostic approaches at different ages	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
46.	Acute gastrointestinal bleeding: differential diagnosis, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
47.	Acute allergic reactions: anaphylactic shock. Clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
48.	Acute allergic reactions: Quincke's edema, urticaria. Clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
49.	Acute abdominal aches: differential diagnosis, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
50.	Acute poisonings with hemolytic agents: reasons, clinical picture, prehospital emergency care, antidotes.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
51.	Acute poisonings with plant poisons: reasons, clinical picture, prehospital emergency care, antidotes	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
52.	Acute poisonings with cardiotoxic agents: reasons, clinical picture, prehospital emergency care, antidotes	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
53.	Acute poisoning with narcotic, sedative and hypnotic drugs: reasons, clinical picture, prehospital emergency care, antidotes	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
54.	Acute poisoning with cauterizing poisons: reasons, clinical picture, prehospital emergency care, antidotes.	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
55.	Acute coronary syndrome: classification, clinical picture, ECG-diagnostics. Standards of prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
56.	Paroxysm of atrial fibrillation: ECG-diagnostics, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
57.	Paroxysmal ventricular tachycardias: clinical picture, ECG-diagnostics, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
58.	Paroxysmal supraventricular tachycardias: ECG-diagnostics,	ПК-5; ПК-6, ПК-

	prehospital emergency care	8; ПК-10; ПК-11
59.	Hypothermia: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
60.	Food poisoning: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
61.	Bronchial asthma attack (acute exacerbation): clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
62.	Cramps and seizures: clinical picture, prehospital emergency care, rules of transportation	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
63.	Poisonous snake bite: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
64.	Insect bite: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
65.	Drowning and near-drowning: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
66.	Chemical burns, including esophagus and stomach: clinical picture, prehospital emergency care	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
67.	Shock: clinical picture, prehospital emergency care, rules of transportation	ПК-5; ПК-6, ПК-8; ПК-10; ПК-11
68.	Defibrillation and cardioversion: indications, methods, rules of safety precautions working with automatic and manual defibrillators	ПК-10; ПК-11; ПК-14
69.	Peak flowmetry: indications, technique, interpretation of the results	ПК-5; ПК-6
70.	Abdominal X-rays: indications, contraindications, technique, preparing patients for investigation. Possible complications and their prevention.	ПК-5; ПК-6
71.	Chest X-rays: indications, contraindications, technique, preparing patients for investigation. Possible complications and their prevention.	ПК-5; ПК-6
72.	Spirometry: indications, technique, interpretation of the results	ПК-5; ПК-6
73.	24-hours upper gastrointestinal pH-metry: indications, technique, interpretation of the results	ПК-5
74.	24-hour ambulatory blood pressure monitoring (ABPM): indications, technique, interpretation of the results	ПК-5; ПК-6
75.	24-hour ambulatory ECG monitoring (Holter monitoring): indications, technique, interpretation of the results	ПК-5; ПК-6

4. Example of an exam ticket

Federal State Budgetary Educational Institution of Higher Education
"Volgograd State Medical University"
Ministry of Health of the Russian Federation

Department: Outpatient and emergency medical care
Practice "Clinical practical training (Physician assistant to primary care medical officer)"
Specialty 31.05.01 General Medicine
(specialist degree)
Form of study full-time
Course: 5 Semester: 10
Academic year: 2023-2024

Exam ticket № 1

Exam questions:

1. Main medical documentation of a district primary care physician. Features of documents in paper and electronic formats. Features of out-patient medical services in Volgograd region. Basic rules of safety precautions in work of a district primary care physician while in an out-patient clinics or on call.

2. Medical surveillance of patients with chronic disorders of endocrine system of non-infectious origins: definition, aims, tasks, number of investigations. Structure of chronic disorders of non-infectious origins.

Examination task for assessment of practical skills:

1. Write a medical report for the results of 1st stage of regular medical examination of adult population for a 60-year old male person who is otherwise healthy but a smoker with recorded blood pressure of 140/90 mmHg and total blood cholesterol level of 7,5 mmol/L.

Head of the Department _____

The full fund of assessment tools for the practice is available on the educational portal of VolgSMU with the link:

2023-2024 academic year. Clinical practical training (physician assistant to primary care medical officer). 5th year of study, 10th semester.

<https://elearning.volgmed.ru/course/view.php?id=8484>

Considered at the meeting of the department of Outpatient and emergency medical care
"25" May 2023, protocol №10.

Head of the Department
Outpatient and emergency medical
care



Krayushkin S.I.