

**Assessment tools for certification
in the discipline "POLYCLINIC THERAPY"
for students of the educational program
Specialist degree
in the specialty 31.05.01 General Medicine,
direction (profile): General Medicine,
form of study: Full-time form
for the 2023-2024 academic year**

1.1 Assessment tools for conducting current certification in the discipline "Polyclinic therapy"

Current certification includes the following types of tasks: testing, solving a situational problem, assessment of the development of practical skills (abilities), writing and defending a report, interview.

1.1.1. Examples of test tasks

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

1. In a 67 year old man with benign prostatic hypertrophy who has a large prostate and is already treated with an alpha-blocker but with ongoing bothersome symptoms of hesitancy and poor flow, which of the following options is most appropriate?
 - a) 5A-reductase inhibitor such as finasteride
 - b) Open prostatectomy
 - c) High-intensity focused ultrasound therapy
 - d) Robot-assisted laparoscopic radical prostatectomy
 - e) Transurethral resection of the prostate

2. What is the most appropriate set of investigations for a 71 year old male smoker who presents with dysuria and the family physician identifies persistent non-visible hematuria?
 - a) MRI pelvis and mid-stream urine
 - b) Mid-stream urine, flexible cystoscopy, renal tract ultrasound
 - c) Non-contrast CT, transrectal ultrasound scan and biopsy
 - d) Nil, only investigate when visible hematuria
 - e) DMSA static scan, mid-stream urine for microbiology culture, renal tract ultrasound

3. A 49-year-old man present with a 2-week history of abdominal pain which has worsened over the last few days. On examination, the patient is jaundiced and the abdomen is distended with tenderness in the epigastric region. In addition, there is a smooth hepatomegaly and shifting dullness. Which of the following is a cause of hepatomegaly?
 - a) Ulcerative colitis
 - b) Budd–Chiari syndrome
 - c) Crohn’s disease
 - d) Left-sided heart failure
 - e) Iron deficiency anemia

4. A 55 year old woman with osteoarthritis attends her family physician because of knee pain worse on going up- and downstairs. She is a non-smoker, does not drink alcohol, but is taking simvastatin 20 mg daily for high cholesterol and lisinopril 10 mg daily for hypertension. On examination her height is 154 cm and weight is 95 kg. What would be the most appropriate treatment for her knee pain?
- Surgical synovectomy
 - Cognitive behavioral therapy
 - Regular weight-bearing exercise
 - Weight loss
 - Arthroplasty
5. A 71-year-old man is being treated for congestive heart failure with a combination of drugs. He complains of nausea and anorexia, and has been puzzled by observing yellow rings around lights. His pulse rate is 53/minute and irregular and blood pressure is 128/61 mm Hg. Which of the following medications is likely to be responsible for these symptoms?
- Spironolactone
 - Digoxin
 - Lisinopril
 - Furosemide
 - Bisoprolol
6. A 35-year-old patient has lagging of the right half of the chest during breathing, dullness below the level of the 3rd rib, weakened breathing and bronchophony in the same place. X-ray - displacement of the heart to the left. Probable diagnosis:
- exudative pleurisy
 - lobar pneumonia
 - atelectasis
 - pneumocirrhosis
 - pneumothorax
7. Sudden coronary death is called:
- death due to acute myocardial infarction
 - death for no apparent reason within 1 hour of the onset of adverse symptoms
 - death with documented ventricular fibrillation
 - all answers are correct
 - there is no correct answer
8. An 88-year-old patient, in response to pain irritation, opens his eyes, with strong irritation, a protective reaction, when he is addressed, he utters incoherent words. Your assessment of the depth of the disorder of consciousness according to the Glasgow scale:
- clear mind
 - stun
 - sopor
 - coma
 - brain death
7. A 48-year-old patient developed pulmonary edema against the background of a hypertensive crisis. BP=220/140 mm Hg. What drug is better to use in this situation?
- Enalapril
 - Clonidine

- c) Carvedilol
- d) Digoxin
- e) Furosemide

8. What is the cause of hypertension in a 30-year-old patient with the following clinical signs: sudden onset of headache against the background of a sharp increase in blood pressure, accompanied by nausea, tachycardia, pallor of the skin, after an attack - polyuria

- a) Conn's syndrome
- b) Itsenko-Cushing's syndrome
- c) climacteric syndrome
- d) pheochromocytoma
- e) thyrotoxicosis

9. What is the most informative indicator for the detection of nephrotic syndrome?

- a) the amount of proteinuria
- b) glomerular filtration
- c) serum creatinine
- d) serum cholesterol
- e) tubular reabsorption of water

10. A 77 year old woman complains of unsteadiness on her feet, which started a few months ago and was gradually worsened. She finds it difficult to walk in a straight line, and often overbalances when she turns. On examination, she has no nystagmus or past pointing, tone and power are normal, but Romberg's test is positive. What is the most likely cause for her unsteadiness?

- a) Peripheral neuropathy
- b) Benign positional vertigo
- c) Parkinson's disease
- d) Cerebellar infarction
- e) Vestibular neuronitis

1.1.2. Examples of situational tasks

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

Task number 1.

A 40-year-old patient, 2-3 weeks after follicular angina, began to complain of shortness of breath when walking fast and climbing stairs, palpitations, interruptions, constant aching pain in the region of the heart. Objectively: acrocyanosis, subfebrile condition, expansion of the borders of the heart to the left to the midclavicular line, muffled tones, single extrasystoles, tachycardia, soft systolic murmur at the apex. Pastosity of legs. Select the leading syndromes. Probable diagnosis? Required follow-up?

Task number 2.

On the second day, a 67 year old man with myocardial infarction had increased dyspnea, cough with frothy sputum. Objectively: cyanosis of the nasolabial triangle, pallor. The number of breaths is 32 per minute. In the lungs, a mass of wet rales of various sizes is heard in all lung fields. Heart sounds are muffled, tachycardia up to 116 beats in min. BP=100/60 mm Hg. What happened to the patient? Urgent Care?

1.1.3. Examples of tasks to assess the development of practical skills

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

- 1) Evaluate the physical status of the patient.
- 2) Issue a disability certificate (sick leave).
- 3) Make a referral to the Bureau of medical and social expertise.
- 4) Fill out the recipe
- 5) Determination of the patient's health group
- 6) Evaluate of the results of instrumental research methods (X-ray examination of the lungs, heart, stomach, intestines, kidneys, bones; bronchography and bronchoscopy; ultrasound scanning of the abdominal cavity, heart; electrocardiographic examination, Holter blood pressure monitoring; esophagogastroduodenoscopy, etc.).
- 7) Evaluate of the results of laboratory research methods: general blood analysis, general urine analysis, coprogram, biochemical blood tests for somatic diseases (rheumatologic complex, renal complex, liver complex), fasting blood sugar, glycated hemoglobin, blood amylase, urine diastase, serological marker spectrum in patients with viral hepatitis

1.1.4 Examples of control questions for an interview

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

- 1) Functional duties of the district general practitioner
- 2) Principles of medical rehabilitation and rehabilitation treatment after a myocardial infarction.
- 3) Examination of temporary disability in patients with bronchial asthma
- 4) Features of the clinical course of community-acquired pneumonia.
- 5) Algorithm of diagnostic search for urinary syndrome at the outpatient stage
- 6) Algorithm of treatment of arterial hypertension at the outpatient stage.
- 7) List the vaccines registered and approved in Russia for the prevention of influenza.
- 8) Possible difficulties in carrying out laboratory and instrumental examination of elderly and old patients.
- 9) Differential diagnostic search for urinary syndrome in the elderly.
- 10) Schools for the care of the elderly: structure, principles of organization

1.1.5. Examples of report topics

Tested competencies: ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14

- 1) The safety of the use of medicines during pregnancy.
- 2) The safety of the use of medicines in the elderly.
- 3) Features of the course and treatment of hypertension in the elderly.
- 4) Features of the course and treatment of anemia in the elderly.
- 5) Features of the course and treatment of gastroesophageal reflux disease in the elderly.
- 6) Features of the course and treatment of pneumonia in the elderly.
- 7) Features of the course and treatment of sarcopenia in the elderly.
- 8) Features of the course and treatment of chronic kidney disease in the elderly.
- 9) Features of the management of pregnant women with valvular heart defects.
- 10) Features of bronchial asthma management during pregnancy
- 11) Features of the management of arterial hypertension during pregnancy
- 12) Features of the management of gastric ulcer and 12 P.K. during pregnancy
- 13) Features of anemia management during pregnancy
- 14) Features of pyelonephritis management during pregnancy
- 15) Features of cholecystitis management during pregnancy

- 16) Medical rehabilitation of a patient after a stroke at the outpatient stage: physical exercises, nutrition, physiotherapy.
- 17) Medical rehabilitation of patients after myocardial infarction at the outpatient stage: physical exercises, nutrition, physiotherapy.
- 18) Medical rehabilitation of patients after acute pyelonephritis.
- 19) Medical rehabilitation of patients after COVID-19 infection.
- 20) Medical rehabilitation of patients after pneumonia at the outpatient stage.

1.2. Assessment tools for conducting intermediate certification in the discipline "Polyclinic therapy"

Intermediate certification in the discipline "Polyclinic therapy" is carried out in the form of an exam.

The intermediate certification includes the following type of tasks: an interview with an assessment of the formation of the practical component of the competencies being formed, which includes questions on all the studied sections of the program.

1.2.1. Examples of assessment of practical skills for intermediate certification:

Task 1.2.1.1. Issue a disability certificate (sick leave).

Tested competencies: ОПК-6, ПК-7

List of types of temporary disability for registration of a certificate of incapacity:

- Certificate of incapacity for outpatient treatment of a disease (code 01)
- Certificate of incapacity for continuation in outpatient conditions after inpatient treatment for a disease (code 01)
- Certificate of incapacity for outpatient treatment in case of injury (including an accident at work or its consequences) (code 02)
- Certificate of incapacity for maternity leave (code 05)
- Certificate of incapacity for treatment in a sanatorium-resort organization (code 08)
- Certificate of incapacity for caring for a sick family member (for caring for an adult a patient undergoing outpatient treatment) (code 09)

Task 1.2.1.2. Issue a prescription for a drug.

Tested competencies: ОПК-6, ПК-8, ПК-9

List of medications for the prescription:

- 1) Ademethionine (coated tablets)
- 2) Azithromycin (tablets)
- 3) Acridinium bromide (dosed powder for inhalation)
- 4) Allopurinol (tablets)
- 5) Amiodarone (tablets)
- 6) Amlodipine (tablets)
- 7) Amoxicillin (dispersible tablets)
- 8) Apixaban (coated tablets)

- 9) Atorvastatin (coated tablets)
- 10) Acetylsalicylic acid (tablets coated with an intestinal-soluble coating)
- 11) Bisoprolol (coated tablets)
- 12) Budesonide/formoterol (dosed powder for inhalation)
- 13) Valsartan (coated tablets)
- 14) Warfarin (tablets)
- 15) Verapamil (dragee)
- 16) Bismuth tricalium dicitrate (coated tablets)
- 17) Gliclazide (modified release tablets)
- 18) Glucosamine sulfate (powder for oral administration)
- 19) Dabigatran (capsules)
- 20) Digoxin (tablets)
- 21) Diclofenac (ointment for external use)
- 22) Drotaverine (coated tablets)
- 23) Iron sulfate (dragee)
- 24) Iron (III) hydroxide polymaltosate (chewable tablets)
- 25) Iron (III) hydroxide sucrose complex (solution for intravenous administration)
- 26) Zafirlukast (coated tablets)
- 27) Ivabradine (coated tablets)
- 28) Isosorbide mononitrate (tablets)
- 29) Indapamide (tablets)
- 30) Ipratropium bromide (ampoules for nebulizer therapy)
- 31) Candesartan (tablets)
- 32) Captopril (tablets)
- 33) Clarithromycin (coated tablets)
- 34) Clopidogrel (coated tablets)
- 35) Lactulose (syrup)
- 36) Levofloxacin (coated tablets)
- 37) Lisinopril (tablets)
- 38) Loperamide (capsules)
- 39) Magnesium sulfate (solution for intramuscular injections)
- 40) Mebeverin (tablets)
- 41) Meloxicam (solution for injection)
- 42) Mesalazine (rectal suppositories)
- 43) Metoprolol succinate (tablets)
- 44) Methotrexate (solution for subcutaneous administration)
- 45) Metronidazole (tablets)

- 46) Metformin (long-acting tablets)
- 47) Moxifloxacin (capsules)
- 48) Moxonidine (coated tablets)
- 49) Nitroglycerin (sublingual tablets or aerosol)
- 50) Norfloxacin (coated tablets)
- 51) Oseltamivir (capsules)
- 52) Omeprazole (capsules)
- 53) Pancreatin (capsules)
- 54) Paracetamol (tablets)
- 55) Perindopril (coated tablets)
- 56) Prednisone (tablets)
- 57) Rabeprazole (capsules)
- 58) Ramipril (tablets)
- 59) Rosuvastatin (coated tablets)
- 60) Saxagliptin (coated tablets)
- 61) Salmeterol (dosed powder for inhalation)
- 62) Salbutamol (dosed aerosol for inhalation)
- 63) Simetikon (capsules)
- 64) Dioctahedral smectite (powder for preparation of suspension for oral administration)
- 65) Spironolactone (tablets)
- 66) Tiotropium bromide (capsules with powder for inhalation)
- 67) Torasemide (tablets)
- 68) Ursodeoxycholic acid (capsules)
- 69) Famotidine (solution for injection)
- 70) Fenofibrate (long-acting capsules)
- 71) Fluticasone (dosed powder for inhalation)
- 72) Folic acid (coated tablets)
- 73) Furosemide (injections)
- 74) Cyanocobalamin (solution for injection)
- 75) Enalaprilate (solution for intravenous injections)

Task 1.2.1.3. Evaluate the results of laboratory and instrumental research methods.

Tested competencies: ОПК-6, ПК-1, ПК-2, ПК-5. ПК-6

List of analyses of laboratory and instrumental research methods:

- Clinical blood test;
- Clinical urine analysis;
- General analysis of feces;

- Urine analysis by Nechiporenko;
- Urine analysis according to Zimnitsky;
- Biochemical blood analysis (rheumatology complex, renal complex, liver complex, blood creatinine level, blood glucose, glycated hemoglobin, blood amylase);
- Analysis of feces for human elastase;
- Ultrasound scanning of abdominal organs (liver, gallbladder, pancreas); thyroid gland; kidneys and bladder;
- EchoCG;
- Holter ECG monitoring;
- Daily blood pressure monitoring;
- Spirometry;
- Pulse oximetry;
- Colonoscopy;
- Fibroesophagogastroduodenoscopy.

Task 1.2.1.4. Evaluate the ECG results.

Tested competencies: ОПК-6, ПК-1, ПК-2, ПК-5, ПК-6

1.2.2 The list of control questions for the interview

№	Questions for midterm assessment	Verifiable competencies
1.	Algorithm of management of patients with COVID-19 at the outpatient stage: clinic, diagnosis, basic medications, indications for hospitalization. Features of management of patients with comorbid pathology.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
2.	The algorithm of dispensary observation of patients with arterial hypertension. Performance criteria.	ОПК-6, ПК-1, ПК-2
3.	The algorithm of dispensary observation of patients with diabetes mellitus. Performance criteria.	ОПК-6, ПК-1, ПК-2
4.	The algorithm of dispensary observation of patients with chronic kidney disease. Performance criteria.	ОПК-6, ПК-1, ПК-2
5.	The algorithm of dispensary observation of patients with chronic obstructive pulmonary disease. Performance criteria.	ОПК-6, ПК-1, ПК-2
6.	Anemic syndrome: definition, classification by pathogenesis, by severity. Differential diagnostic search for anemia in outpatient practice. Indications for hospitalization of patients with anemic syndrome. Epidemiology of anemia in the Volgograd region.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
7.	Anemia B12-deficient: etiology, classification, diagnostic criteria, clinical picture, features of the course in elderly patients, the scope of examination and treatment in outpatient settings, dispensary observation, preventive measures, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
8.	Iron deficiency anemia: etiology, classification, diagnostic criteria, clinical picture, features of the course in elderly patients, diagnosis and treatment in outpatient settings, dispensary observation, preventive measures,	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9,

	examination of working capacity	ПК-10, ПК-14
9.	Cardiac arrhythmias: clinical manifestations, the significance of the ECG method in diagnosis. Diagnosis and treatment of supraventricular and ventricular tachycardia. Resuscitation measures for ventricular asystole.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10
10.	Arterial hypertension: classification of hypertension, stratification of cardiovascular risk, clinical picture of hypertension, features of the course of the disease in elderly patients, complications. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
11.	Arterial hypertension: outpatient treatment in different age groups, depending on the presence of concomitant diseases (coronary heart disease, diabetes mellitus, chronic kidney disease, bronchoobstructive syndrome); algorithm of dispensary observation; rehabilitation, preventive measures, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
12.	Bronchial asthma: classification, criteria of diagnosis, clinical picture, features of the course of the disease in elderly patients, diagnostic capabilities of methods of examination of the patient in outpatient settings, treatment during exacerbation and remission, levels of control, rehabilitation, algorithm of dispensary observation, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
13.	Bronchoobstructive syndrome: definition, etiology, clinical criteria. Indicators of external respiration, characterizing the violation of bronchial patency by obstructive or restrictive type. The algorithm of outpatient examination to verify the diagnosis and form of the disease.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
14.	Community-acquired pneumonia: etiology, classification, diagnostic criteria, clinical picture, features of the course of the disease in elderly patients, complications, diagnosis and treatment in outpatient settings, rehabilitation, preventive measures, algorithm of dispensary observation, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
15.	Medical Commission: structure, functions, organization of work in a medical and preventive institution. Functional duties of the physician for clinical and expert work.	ОПК-6, ПК-7
16.	Gastroesophageal reflux disease: classification, diagnosis criteria, clinical picture, features of the course in elderly patients, complications of the disease, diagnosis and treatment in outpatient settings, algorithm of dispensary observation, rehabilitation, preventive measures, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
17.	Hospitalization of patients: indications for planned and emergency hospitalization, the procedure for referral to inpatient treatment, the procedure for the formation (registration) of medical documentation for planned hospitalization	ОПК-6
18.	Influenza in outpatient practice: classification, diagnosis criteria, clinical picture, features of the course, complications, treatment, preventive measures, vaccination, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
19.	Group preventive counseling (patient schools): tasks, general principles of organization, algorithm of doctor's actions. Organization of patient schools in outpatient clinics	ОПК-6, ПК-1, ПК-2, ПК-14
20.	Biliary dyskinesia (biliary tract dysfunction): classification, diagnosis criteria, clinical picture, scope of examination and treatment in the provision of primary health care, rehabilitation, preventive measures.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
21.	Medical examination (dispanserization) of the adult population: the	ОПК-6,

	concept, goals, objectives, stages, scope of examination at the 1st stage of dispensarization.	ПК-1, ПК-2
22.	Medical examination (dispanserization) of the adult population: the concept, goals, objectives, stages, scope of examination at the 2nd stage of dispensarization.	ОПК-6, ПК-1, ПК-2
23.	Dispensary observation of patients with a high risk of developing cardiovascular diseases: purpose, objectives. The contingents subject to dispensary observation: the timing of observation, the scope of the examination, the criteria of effectiveness.	ОПК-6, ПК-1, ПК-2
24.	Dispensary observation: frequency, duration, determination of the scope of examination and treatment during dispensary observation of patients with chronic non-communicable diseases. Grounds for termination of dispensary observation	ОПК-6, ПК-1, ПК-2
25.	Dispensary observation: goals, tasks. Diseases subject to dispensary observation by a district therapist: the timing of observation, the scope of examination, effectiveness criteria.	ОПК-6, ПК-1, ПК-2
26.	Diseases of the musculoskeletal system in outpatient practice. Methods of examination of bones and joints: planar radiography, ultrasound, computed tomography, magnetic resonance imaging. The role of laboratory tests in the diagnosis and differential diagnosis of joint diseases: biochemical blood tests, autoantibodies, immunological markers. Indications for hospitalization of patients with pathology of the musculoskeletal system	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
27.	Cough: pulmonary and extrapulmonary causes of acute cough. Algorithm of examination of patients with acute cough for verification of diagnosis in outpatient settings. Principles of symptomatic therapy of unproductive (dry) cough.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
28.	Cough: pulmonary and extrapulmonary causes of chronic cough. Algorithm of examination in polyclinic conditions of patients with chronic cough to verify the diagnosis and form of the disease. Principles of symptomatic therapy of productive cough.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
29.	Brief and in-depth preventive counseling in the framework of dispensarization of the adult population: general principles of organization, algorithm of actions of the doctor, recommendations for the correction of risk factors.	ОПК-6, ПК-1, ПК-2, ПК-14
30.	Fever and subfebrility: definition, classification. Factors affecting the severity of the body's temperature reaction. The most common infectious causes of prolonged subfebrility. Diagnostic search scheme for long-term subfebrility in outpatient stage	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
31.	Fever of unclear genesis in combination with anemic syndrome in outpatient settings: definition; causes; examination algorithm and stages of diagnostic search. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
32.	Fever of unknown origin in combination with chest pain in outpatient settings: definition; causes; examination algorithm and stages of diagnostic search. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
33.	Fever of unknown genesis in combination with lymphadenopathy in outpatient settings: definition; causes; examination algorithm and stages of diagnostic search. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
34.	Medical and social expertise: criteria for conducting. The degree of impairment of the functions of organs and systems. Stages of restriction of vital activity of the organism	ОПК-6, ПК-7

35.	Medical and social expertise: the concept and causes of disability. Criteria for determining disability groups 1, 2 and 3.	ОПК-6, ПК-7
36.	Medical rehabilitation: organization procedure. Rehabilitation potential and rehabilitation prognosis. Principles and procedure for the formation of an individual rehabilitation program for patients sent for medical and social examination.	ОПК-6, ПК-14
37.	Medical institutions and medical workers who have and do not have the right to issue documents certifying temporary disability. Methodology for studying morbidity with temporary disability	ОПК-6, ПК-7
38.	Metabolic syndrome: classification, diagnosis criteria, clinical picture, treatment of obesity in primary health care, preventive measures. Hypolipidemic therapy: indications, contraindications, prescription algorithm	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
39.	Myocarditis and cardiomyopathy. Management of patients in outpatient settings: diagnosis, treatment, examination of working capacity, algorithm of dispensary observation, prevention. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
40.	Acute respiratory viral infections in outpatient practice: etiology, diagnosis criteria, clinical picture, complications, treatment, preventive measures, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
41.	Organization of outpatient care for adults in the field of therapy. History of the discipline polyclinic therapy in Russia.	ОПК-6, ПК-14
42.	Organization of spa treatment, indications, contraindications. Types of resorts. The procedure for processing documents for sanatorium treatment.	ОПК-6, ПК-14
43.	The main regulatory and legal documents on the procedure for the formation (issuance) of documents certifying the temporary disability of patients. Functions of the disability certificate.	ОПК-6, ПК-7
44.	Features of the management of elderly and senile patients with somatic diseases, the role of the district physician. Definition of the concepts "Geriatrics", "Gerontology", "Old age", "Fragility". Organization of gerontological care in the Volgograd region	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
45.	Features of drug provision for citizens who have the right to receive a set of social services. Additional and preferential drug provision.	ОПК-6, ПК-7
46.	Features of the work of a district general practitioner in contrast to the work of a general practitioner in a hospital. Communication and continuity of the therapeutic service of the polyclinic and hospital.	ОПК-6
47.	Features of somatic pathology during pregnancy. The necessary minimum of studies of a woman before a planned pregnancy. The main tasks of a general practitioner in the examination of pregnant women with heart defects, arterial hypertension.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
48.	Features of somatic pathology during pregnancy. The necessary minimum of studies of a woman before a planned pregnancy. The main tasks of a general practitioner in the examination of pregnant women with thyroid pathology, anemia on an outpatient basis.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
49.	Osteoarthritis: classification, criteria of diagnosis, clinical picture, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, algorithm of dispensary observation, rehabilitation, preventive measures.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
50.	Acute coronary syndrome in outpatient practice: definition, classification, differential diagnosis, treatment at the prehospital stage. Statistical indicators of acute coronary syndrome in residents of the Volgograd region. Dispensary observation of patients who have suffered a myocardial infarction.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14

51.	Department of medical prevention in the polyclinic: structure, organization of work. The study of morbidity according to preventive medical examinations.	ОПК-6, ПК-1
52.	Palliative therapy: principles of medical care at the outpatient stage, indications for registration of documents in a hospice. Equipment and functions of the palliative care cabinet. Symptoms that require medical control in the terminal period.	ОПК-6
53.	Paraneoplastic syndrome: definition, classification, cancer markers.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10
54.	Primary health care according to the profile of therapy: the structure of the medical area, the functional responsibilities of the district therapist, the equipment of the office of the district therapist.	ОПК-6
55.	Primary health care: tasks and functions of the main structural units of the polyclinic, organization of work of medical personnel; statistical indicators of polyclinic activity.	ОПК-6
56.	Primary health care: basic principles, types, conditions and forms of provision.	ОПК-6
57.	Primary medical and social care: the concept of primary pre-medical care, primary medical care, primary specialized care. Emergency and emergency medical care, palliative care.	ОПК-6
58.	Primary biliary cholangitis: classification, diagnosis criteria, clinical picture, complications, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, the algorithm of dispensary observation, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
59.	Gouty arthritis: classification, criteria of diagnosis, clinical picture, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, algorithm of dispensary observation, rehabilitation, preventive measures.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
60.	The procedure and organizational principles of prescribing medicines at the outpatient stage. Rules for making recipes.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
61.	The procedure for registration of patients for medical and social examination. Rules for the formation of a referral to the Bureau of Medical and Social Expertise using electronic document management	ОПК-6, ПК-7
62.	The procedure for conducting preliminary and periodic medical examinations of workers engaged in heavy work and work with harmful and (or) dangerous working conditions.	ОПК-6, ПК-1
63.	The procedure for issuing a certificate of incapacity due to illness and injury.	ОПК-6, ПК-7
64.	The procedure for issuing a certificate of incapacity for the period of sanatorium treatment	ОПК-6, ПК-7
65.	The procedure for issuing a certificate of incapacity to care for a sick adult family member.	ОПК-6, ПК-7
66.	The procedure for registration of accounting and reporting medical documentation in outpatient clinics, including the medical card of a patient receiving primary health care at an outpatient stage.	ОПК-6
67.	Rules for registration of prescriptions containing the appointment of narcotic drugs or psychotropic substances	ОПК-6
68.	Prevention as a basis for preserving and strengthening public health (issues of primary, secondary and tertiary prevention). Health indicators of the population. Identification of risk factors. Target levels of the main modifiable risk factors.	ОПК-6, ПК-1
69.	Preventive medical examination: concept, goals, objectives, scope of examinations. Organization of medical control over the health of the population.	ОПК-6, ПК-1, ПК-14

70.	Rheumatoid arthritis: early diagnosis, identification of risk factors for an unfavorable prognosis for the choice of antirheumatic therapy; methods for assessing and monitoring the activity of RA in clinical practice to assess the effectiveness of therapy; treatment of patients in outpatient settings, features of monitoring the safety of antirheumatic therapy at the outpatient stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
71.	The role of the district physician during the dispensarization of the adult population. Health groups. Health targets.	ОПК-6, ПК-1, ПК-2
72.	Sanitary and educational work of the district therapist: modern methods of organization. Formation of a healthy lifestyle of the population, the fight against bad habits (alcoholism, drug addiction, smoking)	ОПК-6, ПК-1, ПК-14
73.	Diabetes mellitus: definition and classification. Features of the course of diabetes mellitus depending on the type. The program of examination of patients at the outpatient stage. Terms and principles of dispensary observation of patients with diabetes mellitus. Examination of temporary disability in patients with newly diagnosed diabetes mellitus and with the development of decompensation of carbohydrate metabolism.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
74.	Type 2 diabetes mellitus: diagnosis criteria, clinical picture, complications, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, the algorithm of rehabilitation, preventive measures. Algorithms of emergency care in the development of acute complications of diabetes mellitus at the prehospital stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
75.	Hypertension syndrome: etiology, differential diagnosis of essential and symptomatic hypertension. The algorithm of examination at the outpatient stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10
76.	Pain syndrome in the left half of the chest: etiology, clinic, differential diagnosis. The algorithm of examination at the outpatient stage. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10
77.	Epigastric pain syndrome: etiology. clinic, differential diagnosis. The algorithm of examination at the outpatient stage. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
78.	Leukocyturia syndrome in outpatient practice of a general practitioner: etiology, differential diagnosis. The algorithm of examination at the outpatient stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
79.	Syndrome of macrohematuria and microhematuria in outpatient practice of a general practitioner: etiology, differential diagnosis. The algorithm of examination at the outpatient stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
80.	Proteinuria syndrome in the outpatient practice of a general practitioner: etiology, differential diagnosis. The algorithm of examination at the outpatient stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
81.	Irritable bowel syndrome: definition, classification, clinic, differential diagnosis. The algorithm of examination and treatment at the outpatient stage.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10
82.	Chronic diarrhea syndrome: etiology, differential diagnosis. The algorithm of examination in outpatient practice. Indications for hospitalization.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10
83.	Syndromes occurring in chronic liver diseases (cytolysis, cholestasis, hepatic cell insufficiency, portal hypertension): clinic, laboratory and instrumental markers. Etiology and differential diagnosis of diseases accompanied by hepatomegaly and hepatolienal syndrome.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
84.	Hospital-replacement technologies (day hospital): structure, principles of	ОПК-6

	organization and provision of medical care, equipment. Indications for hospitalization.	
85.	Hospital-replacement technologies (hospital at home): structure, principles of organization and provision of medical care. Indications for hospitalization.	ОПК-6
86.	Steatosis and steatohepatitis: etiology, classification, criteria of diagnosis, clinical picture, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, rehabilitation, preventive measures.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
87.	Atrial fibrillation: etiology, classification, criteria of diagnosis, clinical picture, complications, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, dispensary observation, rehabilitation.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
88.	Functional dyspepsia: classification, criteria of diagnosis, clinical picture, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, preventive measures.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
89.	Chronic kidney disease: definition, classification. Determination of glomerular filtration rate in clinical practice – clearance and calculation methods, their accuracy and applicability in outpatient practice. Treatment of CKD in outpatient settings, the algorithm of dispensary observation, examination of working capacity	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
90.	Chronic ischemic heart disease: classification, diagnosis criteria, clinical picture, features of the course of the disease in elderly patients, diagnostic capabilities of methods of examination of the patient in outpatient settings, treatment, algorithm of dispensary observation, preventive measures, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
91.	Chronic obstructive pulmonary disease in outpatient practice: classification, diagnosis criteria, clinical picture, complications, diagnostic capabilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care during exacerbation and remission, rehabilitation, preventive measures, algorithm of dispensary observation, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
92.	Chronic heart failure: classification, diagnosis criteria, clinical picture, diagnostic capabilities of research methods, outpatient treatment, algorithm of dispensary observation, rehabilitation, preventive measures.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
93.	Chronic glomerulonephritis: etiology, classification, diagnostic criteria, clinical picture, complications, diagnostic capabilities of methods of examination of the patient on an outpatient basis, treatment on an outpatient basis, algorithm of dispensary observation, rehabilitation, preventive measures, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
94.	Chronic pancreatitis: etiology, classification, criteria of diagnosis, clinical picture, complications, diagnostic capabilities of methods of examination of the patient in outpatient settings, treatment in the provision of primary health care, the algorithm of dispensary observation, indications for hospitalization, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
95.	Chronic pyelonephritis: etiology, classification, diagnosis criteria, clinical picture, features of the course in elderly patients, complications, scope of examination and treatment in primary health care, algorithm of dispensary observation, rehabilitation, preventive measures, examination of working capacity	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14
96.	Health centers. Structure, personnel, equipment, tasks and principles of activity.	ОПК-6, ПК-1
97.	Cirrhosis of the liver: etiology, classification, criteria for diagnosis, clinical	ОПК-6, ПК-5, ПК-6,

	picture, complications, diagnostic possibilities of methods of examination of the patient in outpatient settings, treatment in primary health care, algorithm of dispensary observation, preventive measures, indications for hospitalization, examination of working capacity.	ПК-8, ПК-9, ПК-10, ПК-14
98.	Examination of temporary disability: definition, types of temporary disability. Documents certifying temporary disability. The procedure for issuing a disability certificate in electronic form	ОПК-6, ПК-7
99.	Examination of permanent disability: definition, levels of expertise. The procedure for forming a referral to the Bureau of Medical and social expertise using electronic document management.	ОПК-6, ПК-7
100.	Peptic ulcer of the stomach and duodenum: classification, diagnosis criteria, clinical picture, features of the course in elderly patients, complications of the disease, diagnosis and treatment in outpatient settings, algorithm of dispensary observation, rehabilitation, examination of working capacity.	ОПК-6, ПК-5, ПК-6, ПК-8, ПК-9, ПК-10, ПК-14

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
Discipline: Polyclinic therapy
Specialist in specialty 31.05.01 General Medicine
Direction (profile) «General Medicine»
Form of study full-time
Course: 6 Semester: 12
Academic year: 2023-2024

Exam ticket № 1

Exam questions:

1. Primary health care: tasks and functions of the main structural units of the polyclinic, organization of work of medical personnel; statistical indicators of the polyclinic.
2. Bronchial asthma in outpatient practice: classification, diagnosis criteria, clinical picture, features of the course of the disease in elderly patients, diagnostic capabilities of methods of examination of the patient in outpatient settings, treatment during exacerbation and remission, levels of control, rehabilitation, algorithm of dispensary observation, examination of working capacity. Features of management in the detection of COVID-19.

Examination tasks (assessment of practical skills):

- Task 1. Issue a disability certificate.
- Task 2. Issue a prescription for a drug.
- Task 3. Evaluate the results of laboratory and instrumental research methods.
- Task 4. Evaluate the ECG results

Head of the Department _____

The full fund of assessment tools for the discipline is available on the educational portal of VolgSMU at the links:

- 1) 2023-2024 Academic year. Discipline "Polyclinic therapy". 5th year of study. 9th semester <https://elearning.volgmed.ru/course/view.php?id=8476>
- 2) 2023-2024 Academic year. Discipline "Polyclinic therapy". 5th year of study. 10th semester <https://elearning.volgmed.ru/course/view.php?id=8477>
- 3) 2023-2024 Academic year. Discipline "Polyclinic therapy". 6th year of study. 11th semester <https://elearning.volgmed.ru/course/view.php?id=8478>

4) 2023-2024 Academic year. Discipline "Polyclinic therapy". 6th year of study. 12th semester <https://elearning.volgmed.ru/course/view.php?id=8479>

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

Head of the Department

Krayushkin S.I.

A handwritten signature in blue ink, appearing to be 'S.I. Krayushkin', is positioned between the text 'Head of the Department' and 'Krayushkin S.I.'.