

**Tests in clinical pharmacy**  
**(2012-2016)**  
*(correct answer – A – in all cases)*

Which of the below-listed drugs is used for thrombolytic therapy in case of myocardial infarction? **(2012, № 4; 2014, № 9; 2015, № 9; 2016, № 10; ИБ)**

- A. Streptokinase
- B. Heparine
- C. Phenylinum
- D. Ticlopidine
- E. Acetylsalicylic acid

Which preparation is the specific antidote in case of intoxication with iron preparations? **(2012, № 19; 2013, № 21; 2014, № 24; 2015, № 30; ИБ)**

- A. Deferoxamium
- B. Protamine sulfate
- C. Bemegridum
- D. Atropinum
- E. Penicillamine

A pregnant woman fell ill with severe pneumonia. Which of these antimicrobials should be administered to this patient? **(2012, № 23; ИБ)**

- A. Cefotaxime
- B. Gentamicin sulfate
- C. Tetracycline hydrochloride
- D. Ofloxacin
- E. Biseptol

A 6-year-old child with pneumonia has been administered an antibiotic. After treatment the child lost his hearing. What group of antibiotics might have caused this complication? **(2012, № 37; 2014, № 45; ИБ)**

- A. Aminoglycosides
- B. Cephalosporins
- C. Macrolides
- D. Natural penicillins
- E. Semi-synthetic penicillins

A 52-year-old patient had myocardial infarction and was discharged from the hospital after the stationery treatment. What daily dose of acetylsalicylic acid should be administered in order to prevent thrombosis? **(2012, № 38; ИБ)**

- A. 100 mg
- B. 500 mg
- C. 1000 mg
- D. 200 mg

E. 50 mg

A patient has chronic pancreatitis with apparent presentations of pancreatic exocrine hypofunction. Which of the following drugs would be the most appropriate in this case? **(2012, № 57; 2015, № 60)**

- A. Pancreatinum
- B. Drotaverine
- C. De-Nol
- D. Omeprazole
- E. Acidin pepsinum

A patient got an injection of 0,25% novocaine solution for the purpose of anaesthetization. Suddenly the patient has presented with red spots, intense sweating, tachycardia, bronchospasm, edema of nasal mucous membrane. What is the cause of this complication? **(2012, № 58; 2014, № 57; ИБ)**

- A. Immediate allergy
- B. Delayed allergy
- C. Local irritation
- D. Tachyphylaxis
- E. Abstinence syndrome

A 15-year-old patient has been first diagnosed with type I diabetes mellitus. Which antihyperglycemic drug should be administered in this case? **(2012, № 59; ИБ)**

- A. Insulin
- B. Metformin
- C. Diabetone
- D. Glurenorm
- E. Glibenclamide

Which of the following non-steroid anti-inflammatory agents has the least harmful effect on the mucosa of the gastrointestinal tract? **(2012, № 71; 2014, № 62; 2015, № 69; 2016, № 64; ИБ)**

- A. Nimesulide
- B. Diclofenac
- C. Indomethacin
- D. Piroxicam
- E. Acetylsalicylic acid

Which drug is used for thrombolysis in case of acute myocardial infarction? **(2012, № 72; ИБ)**

- A. Alteplase

- B. Acetylsalicylic acid
- C. Heparin
- D. Pentoxifylline
- E. Fraxiparine

A woman asked a pharmacist to dispense an antipyretic for an 8-month-old child. Which drug should be recommended? **(2012, № 76; ИБ)**

- A. Paracetamol
- B. Acetylsalicylic acid
- C. Indomethacin
- D. Diclofenac sodium
- E. Piroxicam

A 70-year-old patient consulted a doctor about elevated arterial pressure. He has a history of benign hyperplasia of prostate. What drug should be administered in this case? **(2012, № 77; ИБ)**

- A. Doxazosin
- B. Enalapril
- C. Propranolol
- D. Diltiazem
- E. Losartan

Recommend a patient with acute bronchitis a mucolytic drug that facilitates expectoration: **(2012, № 84)**

- A. Acetylcysteine
- B. Glaucine
- C. Loratadine
- D. Diclofenac sodium
- E. Drotaverine hydrochloride

A patient with atopic dermatitis presented at the hospital. Which drug with anti-inflammatory and antiallergic effect should be administered to this patient? **(2012, № 85; 2013, № 77)**

- A. Prednisolone
- B. Aethamidum
- C. Oxytocin
- D. Insulin
- E. Retabolil

A patient with atherosclerosis has been administered an anti-atherosclerotic agent. Specify this drug: **(2012, № 86)**

- A. Phenofibrate
- B. Ascorbic acid
- C. Pyracetam
- D. Dexamethasone
- E. Phenylbutazone

A patient after bee's stings has angioedema (Quincke's edema). Which drug should be immediately inject to eliminate this condition? **(2012, № 87)**

- A. Epinephrine hydrochloride
- B. Sodium chloride
- C. Platyphyllini hydrotartras
- D. Atropine sulfate
- E. Anaprilinum

A patient with cholelithiasis should be administered the following drug for the dissolution of cholesterol gallstones: **(2012, № 93; 2014, № 92; ИБ)**

- A. Ursodeoxycholic acid
- B. Gamma-aminobutyric acid
- C. Acetylsalicylic acid
- D. Citric acid
- E. Mefenamic acid

An elderly patient has constipation caused by hypotonia of colon. What drug should be administered to this patient? **(2012, № 97)**

- A. Bisacodyl
- B. Sodium sulfate
- C. Castor oil
- D. Atropine sulfate
- E. Novocaineamide

In course of pharmacotherapy of bronchitis a patient was found to have dyspeptic disorders, photodermatitis, liver dysfunction. Which of the prescribed drugs might have caused these manifestations? **(2012, № 102)**

- A. Doxycyclin
- B. Paracetamol
- C. Ascorbic acid
- D. Acetylcysteinum
- E. Codeine phosphate

A patient who has been suffering from gastric diseases for a long time is found to have hyperchromic anemia. Which of the following drugs is applied for this

pathology treatment? **(2012, № 107)**

- A. Cyanocobalamine
- B. Ascorbic acid
- C. Unithiol
- D. Ferrum Lek
- E. Oxyferriscorbone

Treatment of poisonings with inorganic mercury compounds includes the use of the following antidote: **(2012, № 148; 2016, № 107; ИБ)**

- A. Unithiol
- B. Naloxone
- C. Tetacinum-calcium
- D. Desferal
- E. Dexamethasone

A patient has been taking isosorbide for stenocardia prevention for quite a long time. Now he notes a significant decrease in the effect of the drug. What is this phenomenon called? **(2012, № 149)**

- A. Tolerance
- B. Cumulation
- C. Physical dependence
- D. Allergy
- E. Potentiation

A patient with myocardial infarction has been given an intravenous injection of a direct-acting anticoagulant. Select it among the listed drugs: **(2012, № 151)**

- A. Heparin
- B. Neodicumarinum
- C. Vikasolum
- D. Thrombin
- E. Calcium gluconate

Which drug with antagonistic effect can be used to stop bleeding caused by prolonged use of neodicumarinum? **(2012, № 163)**

- A. Vikasolum
- B. Aminocapronic acid
- C. Etamsylate
- D. Fibrinogen
- E. Ascorbic acid

Which anaesthetic, anti-inflammatory, the least harmful for the stomach

preparation can be recommended to a patient with exacerbation of rheumatoid arthritis? **(2012, № 167)**

- A. Celecoxib
- B. Diclofenac sodium
- C. Acetylsalicylic acid
- D. Ibuprofenum
- E. Indometacinum

A female patient in the first trimester of pregnancy has been diagnosed with acute pyelonephritis. What is the antibiotic drug of choice for treating this patient? **(2012, № 172; 2014, № 72; 2016, № 116; ИБ)**

- A. Amoxicillin
- B. Norfloxacin
- C. Biseptolum
- D. Gentamicin
- E. Chloramphenicol

A man with a long history of chronic hepatitis has been diagnosed with pneumonia. Which of the following antibacterial drugs can be applied in this clinical situation? **(2012, № 173; 2015, № 130; ИБ)**

- A. Amoxicillin
- B. Tetracycline
- C. Biseptol
- D. Rifampicin
- E. Vancomycin

Which of the following is the drug of choice for bronchial asthma attacks prevention? **(2012, № 177; 2014, № 132; ИБ)**

- A. Cromolyn sodium
- B. Salbutamol
- C. Drotaverine
- D. Diphenhydraminehydrochloride
- E. Ambroxol

A 24-year-old patient has been suffering from diabetes mellitus type I for 8 years. Diabetic nephropathy provoked development of symptomatic arterial hypertension. Which of the following drugs is indicated for long-term therapy? **(2012, № 188; ИБ)**

- A. Enalapril
- B. Propranolol
- C. Clonidine

- D. Dibazol
- E. Dichlothiazide

Treatment course of essential hypertension includes diuretics. Which diuretic **DOES NOT NEED** to be combined with potassium preparations? **(2012, № 192; ИБ)**

- A. Triamteren
- B. Clopamide
- C. Dichlothiazide
- D. Furosemide
- E. Ethacrynic acid

Absorption of tetracycline preparations will be reduced when they are administered simultaneously with antacids. This is an example for: **(2012, № 185)**

- A. Pharmacokinetic incompatibility
- B. Pharmaceutical incompatibility
- C. Pharmacodynamic incompatibility
- D. Drugs synergism
- E. Functional drugs antagonism

A patient who has taken phenobarbital for a long time was prescribed diclofenac sodium. However, the anti-inflammatory effect of diclofenac appeared to be less than expected due to the pharmacokinetic interaction of these drugs. Such interaction might be the result of the following processes: **(2012, № 200)**

- A. Accelerated drug metabolism in liver
- B. Decelerated drug metabolism in liver
- C. Reduced protein concentration in plasma
- D. Change of receptor sensibility
- E. Increased drug dosage

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Benzathine benzylpenicillin is the drug of choice for treatment of the following disease:

**(2012, № 128; 2016, № 98; ИБ)**

- A. Syphilis
- B. Intestinal infection
- C. Pneumonia
- D. Tonsillitis
- E. Furunculosis

A patient with moderately severe pneumonia has been administered ceftriaxone 1 time per day. The drug should be taken once a day due to its following property:

**(2012, № 176; 2016, № 118; ИБ)**

- A. Slow excretion
- B. Presence of bactericidal action
- C. Wide range of action
- D. Cumulative ability
- E. Poor absorption from the injection site

A patient with peptic ulcer disease has developed black-colored feces during combined pharmacotherapy. Name the drug that can be the cause of this development:

**(2012, № 171; 2015, № 128; 2016, № 160)**

- A. Bismuth subcitrate
- B. Famotidine
- C. Omeprazole
- D. Lansoprazole
- E. Ranitidine

Which of the following antihypertensive drugs has potassium-sparing action?

**(2013, № 20; 2014, № 33; 2016, № 27; ИБ)**

- A. Triamterene
- B. Furosemide
- C. Prazosin
- D. Metoprolol
- E. Diltiazem

Losartan is contraindicated for treatment of arterial hypertension in case of:

**(2013, № 6; 2014, № 8; 2015, № 8; ИБ)**

- A. Pregnancy
- B. Hyperglycemia
- C. Urine acid diathesis
- D. Hyperlipidemia
- E. Hypokalemia

A 38-year-old male patient with mercuric chloride intoxication has been delivered to



the admission ward in grave condition. What antidote must be immediately administered the patient? **(2013, № 9)**

- A. Unithiol
- B. Dipyroxime
- C. Atropine
- D. Nalorphone
- E. Izonitrozinum

6 months after treatment a patient with coronary heart disease developed tolerance to the prolonged-action nitrates. What drug with nitrate-similar effect should be recommended in this case? **(2013, № 5; ИБ)**

- A. Molsidomine
- B. Nifedipine
- C. Prazosin
- D. Verapamil
- E. Metoprolol

A 67-year-old patient with chronic heart failure takes digoxin. In order to reduce its side effects the patient's doctor recommended to combine it with the following drug: **(2013, № 59)**

- A. Panangin
- B. Calcium gluconate
- C. Euphyllinum
- D. Hydrochlorthiazide
- E. Calcium chloride

A woman who has been treated for infiltrative focal tuberculosis for a long time complains of acute hearing impairment. Which of the following preparations might be the cause of such side effect? **(2013, № 61; ИБ)**

- A. Streptomycin
- B. Isoniazid
- C. Ethambutol
- D. Rifampicin
- E. Ethionamidum

What drug can be recommended for symptomatic treatment of muscle pain in a 5-year-old child? **(2013, № 68)**

- A. Paracetamol
- B. Acetylsalicylic acid
- C. Diclofenac sodium
- D. Indomethacin

E. Celecoxib

A patient suffering from allergic rhinitis was prescribed ephedrine in form of nasal drops. The patient has significantly benefited from nasal instillation, and this stimulated him to use the drug every 2 hours. But under these conditions the drug appeared to be ineffective. What is the most likely cause of this phenomenon? **(2013, № 129)**

- A. Tachyphylaxis
- B. Drug dependence
- C. Idiosyncrasy
- D. Allergy
- E. Cumulation

A 25-year-old patient with frequent migraine attacks has been prescribed sumatriptan. Specify the mechanism of its action: **(2013, № 134; ИБ)**

- A. Selective agonist of 5 –  $HT_1$ -serotonin receptors
- B. Selective antagonist of 5 –  $HT_1$ -serotonin receptors
- C. Nonselective  $\beta$ -blocker
- D. Stimulator of  $\beta$ -adrenergic receptors
- E. Selective  $\alpha$ -blocker

A 65-year-old male patient complains of nausea, vomiting, lethargy, seeing yellow spots in front of his eyes. The patient takes daily 0,25 mg of digoxin, 100 mg of aspecardum, 50 mg of metoprolol. What pathological condition is this syndrome typical for? **(2013, № 138; 2014, № 139; ИБ)**

- A. Glycoside intoxication
- B. Food poisoning
- C. Withdrawal syndrome
- D. Tachyphylaxis
- E. Hypersensitivity reaction

Which of the following diuretics **SHOULD NOT** be administered to patients with impaired hearing? **(2013, № 173; 2015, № 144)**

- A. Furosemide
- B. Spironolactone
- C. Clopamide
- D. Indapamide
- E. Chlorthalidone

Simultaneous use of paracetamol and acetylcysteine causes: **(2013, № 175; 2015, № 146)**

- A. Reduction of paracetamol hepatotoxicity
- B. Reduction of anti-inflammatory action of paracetamol
- C. Inhibition of paracetamol absorption
- D. Increase of mucolytic action of acetylcysteine
- E. Increase of paracetamol nephrotoxicity

Simultaneous use of gentamicin and acyclovir tablets increases the risk of:  
**(2013, № 176; (2015, № 147)**

- A. Nephrotoxicity
- B. Hepatotoxicity
- C. Cardiotoxicity
- D. Neurotoxicity
- E. Likelihood of allergic reactions

Simultaneous use of doxycycline hydrochloride and oral contraceptive causes:  
**(2013, № 177; (2015, № 148)**

- A. Reduction of oral contraceptives effectiveness
- B. Increase of oral contraceptives effectiveness
- C. Increase of the antibacterial effect of doxycycline
- D. Reduction of the antibacterial effect of doxycycline

In case of simultaneous use of metronidazole and oral anticoagulants derived from coumarin patients must be warned about: **(2013, № 178; 2014, № 169; 2015, № 149; ИБ)**

- A. Potentiation of anticoagulants effect and the risk of bleeding
- B. Reduction of anticoagulants effect
- C. Potentiation of metronidazole effect
- D. Reduction of metronidazole effect
- E. Higher neurotoxicity

A 70-year-old patient with stenocardia claims that the pharmacy sold him a drug that relieved an attack of stenocardia but instead caused an acute bursting headache. What antihypertensive drug is this side effect typical for?  
**(2013, № 183; 2015, № 152)**

- A. Nitrosorbide
- B. Amlodipine
- C. Nifedipine
- D. Trimetazidine
- E. Metoprolol

A 43-year-old patient with a severe form of rheumatoid arthritis has been administered a certain drug for background therapy. Specify this drug: **(2013, № 135; 2016, № 123; ИБ)**

- A. Methotrexate
- B. Diclofenacsodium
- C. Nimesulide
- D. Prednisolone
- E. Methylprednisolone

Bronchodilatory effect of a short-acting  $\beta_2$ -adrenoceptor agonist – salbutamol – develops after: **(2013, № 144; 2016, № 128; ИБ)**

- A. 5-10 minutes
- B. 20-30 minutes
- C. 45-60 minutes
- D. 2-3 hours
- E. 4-6 hours

A 12 weeks pregnant patient has been hospitalized with symptoms of acute cystitis. What antibiotic can be recommended in this case? **(2013, № 145)**

- A. Amoxicillin
- B. Ciprofloxacin
- C. Gentamicin
- D. Metronidazole
- E. Tetracycline

A 35-year-old patient with tachycardia has been administered propranolol. Which of the following reactions may be caused by the use of beta-blockers? **(2013, № 167; 2016, № 137)**

- A. Bronchospasm
- B. Drug dependence
- C. Cumulation
- D. Blood pressure rise
- E. Constipations

A 17-year-old patient complains of persistent thirst, dry mouth, frequent urination, increased appetite. Blood glucose is at the rate of 11 mmol/l. The patient has been diagnosed with diabetes mellitus type I. What drug is indicated for treatment? **(2013, № 169)**

- A. Insulin
- B. Maninil
- C. Glibenclamide
- D. Acarbose
- E. Asparcamum

Help the doctor to select a drug for the replacement therapy after the thyroid gland removal: **(2013, № 40)**

- A. L-thyroxin
- B. Insulin
- C. Prednisolone
- D. Parathyroidin
- E. Mercazolilum

What is the most suitable drug that can be recommended for the treatment of rhinitis accompanying an ARVI in a 7-month-old child? **(2014, № 73; ИБ)**

- A. 0,9 % warm water solution of NaCl
- B. Naphthyzin
- C. Galazolin
- D. Pinosol
- E. Boromentol ointment

A 60-year-old patient has essential hypertension stage II, coronary disease, bronchial asthma. After pharmacotherapy correction the patient exhibited a bronchospastic attack, intensified dyspnea. What drug provoked this complication? **(2014, № 67; ИБ)**

- A. Propranolol
- B. Nifedipine
- C. Eminophyllinum
- D. Mucaltinum
- E. Salbutamololum

A 40-year-old patient suffers from bronchial asthma and cardiac rhythm disturbance in form of bradyarrhythmia. Drugs of which pharmacological group should be administered for bronchospasm suppression? **(2014, № 200)**

- A. M-cholinergic antagonists
- B. Beta-blockers
- C. M-cholinomimetics
- D. Cholinesterase inhibitors
- E. Muscle relaxant

Choose an optimal antibacterial drug for the mycoplasmal pneumonia treatment: **(2014, № 47; ИБ)**

- A. Rovamycine
- B. Gentamicin
- C. Penicillin
- D. Ampicillin

E. Amoxiklav

A hypertensive patient had been administered a diuretic as a part of the combined therapy. The administered drug caused hypokalemia. Specify this drug: **(2014, № 164; ИБ)**

- A. Hydrochlorothiazide
- B. Amiloride
- C. Spironolactone
- D. Allopurinol
- E. Triamterene

What drug may cause constipation in a patient undergoing combined therapy for arterial hypertension? **(2014, № 74; ИБ)**

- A. Verapamil
- B. Furosemide
- C. Trimetazidine
- D. Panangin
- E. Acetylsalicylic acid in small dosages

A 46-year-old patient suffering from chronic bronchitis came to a pharmacy. What expectorant drug may be recommended? **(2014, № 38)**

- A. Ambroxol
- B. Falimint
- C. Glauvent
- D. Libexin
- E. Salbutamol

A 25-year-old patient has been taking antibiotics for 7 days. Antibiotic therapy has caused a complication in form of intestine dysbacteriosis. This complication should be treated with drugs of the following pharmacological group: **(2014, № 130; 2015, № 167; ИБ)**

- A. Probiotics
- B. Spasmolytics
- C. Cholagogic
- D. Antacids
- E. Adaptogens

A patient after bee's stings has angioedema (Quincke's edema). Which drug should be immediately inject to eliminate this condition? **(2015, № 169)**

- A. Prednisolone
- B. Penicillin
- C. Fresh frozen plasma
- D. Rheopolyglukin

## E. Haemodes

A patient suffering from arterial hypertension and chronic bronchitis suddenly presented with dry cough and dyspnea. Body temperature remained unchanged. It is known, that the patient takes captopril. These symptoms can be explained by increased synthesis of: **(2015, № 104; ИБ)**

- A. Bradyquinine
- B. Angiotensin-1
- C. Renin
- D. Aldosterone
- E. Natriuretic peptide

A patient suffering from bronchial asthma has been diagnosed with essential hypertension. What antihypertensive drug is contraindicated in this case? **(2015, № 129; 2016, № 115)**

- A. Propranolol
- B. Captopril
- C. Amlodipine
- D. Hypothiazid (Hydrochlorothiazide)
- E. Verapamil

A patient with signs of morphine intoxication has been delivered into an admission room. Name the necessary antidote: **(2016, № 142)**

- A. Naloxone
- B. Collargol
- C. Essentiale
- D. Ectericidum
- E. Trental (Pentoxifylline)

A patient, who had been taking acetylsalicylic acid, has developed hemorrhages of mucous membranes. This phenomenon is associated with: **(2015, № 145; 2016, № 143)**

- A. Inhibition of prothrombin synthesis
- B. Increased absorption in gastrointestinal tract
- C. Decreased absorption in gastrointestinal tract
- D. Disorder of protein binding
- E. Changed volume of distribution

Which of the listed antibacterial drugs **should NOT be administered** to a patient with diabetes mellitus type II being treated with glibenclamid? **(2015, № 79; ИБ)**

- A. Co-trimoxazolum
- B. Midecamycin
- C. Gentamycinum
- D. Benzylpenicillinum

E. Doxycycline

A 59-year-old patient has been continuously taking furosemide for heart failure treatment. What drug should be used to prevent hypokalemia in patients taking furosemide? **(2015, № 166; ИБ)**

- A. Panangin
- B. Thiotriazolinum
- C. Acetylsalicylic acid
- D. Trimetazidine
- E. Enalapril

A patient consults a pharmacist about taking acetylsalicylic acid as an antiaggregant. What is the daily dose that should be recommended for continuous use? **(2015, № 103; ИБ)**

- A. 0,1-0,3 g
- B. 0,5-1,0 g
- C. 1,0-2,0 g
- D. 2,0-3,0
- E. Over 4,0 g

It is necessary to prescribe nonsteroid anti-inflammatory drug for 57 year-old patient with rheumatoid arthritis and concomitant peptic ulcer. Which drug is the drug of choice in this case? **(2015, № 131)**

- A. Celecoxib
- B. Diclofenac
- C. Aspirin
- D. Indometacin
- E. Mefenamic acid

A 46-year-old patient is diagnosed with cardiac infarction. What drug should be prescribed for thrombolytic therapy? **(2015, № 163)**

- A. Streptokinase
- B. Nitroglycerine
- C. Spironolactone (Verospiron)
- D. Drotaverine hydrochloride
- E. Trimeperidine (Promedol)

A patient suffering from trombophlebitis of his lower extremities has developed symptoms of heparin overdosage. What drug can be used as an antidote? **(2015, № 164)**

- F. Protamine sulfate
- G. Phenindione (Phenylin)
- H. Dipyridamol



- I. Pentoxifylline
- J. Theophylline

A 53-year-old woman suffers from ischemic heart disease and angina pectoris. What drug can be used to stop angina pectoris attacks? **(2015, № 168; 2016, № 172)**

- A. Nitroglycerine
- B. Drotaverine hydrochloride
- C. Propranolol
- D. Dipyridamol
- E. Acetylsalicylic acid

A patient with osteoarthritis (gonarthrosis) and peptic gastric ulcer in anamnesis should be prescribed a NSAID (nonsteroidal anti-inflammatory drug). What NSAID would be the most safe for this patient? **(2015, № 170; 2016, № 174)**

- A. Meloxicam
- B. Acetylsalicylic acid
- C. Ibuprofen
- D. Indometacin
- E. Metamizolesodium

In the course of clinical instrumental examination a 45-year-old patient has been diagnosed with chronic helicobacter-associated type B gastritis. What group of drugs should be prescribed first of all? **(2015, № 172; 2016, № 175)**

- A. Anti-Helicobacter pylori agents
- B. Prokinetic agents
- C. Antacids
- D. Reparative drugs
- E. Anti-muscarinic agents

A 48-year-old woman addressed a dispensing chemist with complaints of constipations developing after she had started treatment of her chronic cardiovascular disease. What drug can slow down intestinal peristalsis? **(2016, № 155)**

- A. Verapamil
- B. Folicacid
- C. Losartan
- D. Ascorbic acid
- E. Enalapril

A 5-year-old boy suffering from pneumonia has problems with mucus expectoration. A doctor prescribed him a mucolytic drug that stimulates surfactant synthesis. Name this drug: **(2016, № 159)**

- A. Ambroxol
- B. Carbocisteine

- C. Mucaltin
- D. Acetylcysteine
- E. Potassium iodide

A bus driver addressed a pharmacy due to his suffering from allergic rhinitis. What antihistamine with minimal sedative action can you recommend? **(2016, № 162)**

- A. Loratadine
- B. Clemastine
- C. Astemizole
- D. Diphenhydramine
- E. Chloropyramine

A 36-year-old patient complains of general weakness, somnolence, increased brittleness of nails, loss of hair. The patient was diagnosed with iron-deficiency anemia. What drug should be prescribed for treatment? **(2016, № 164)**

- A. Ferric sulfate
- B. Cyanocobalamin
- C. Folicacid
- D. Myelosanum (Busulfan)
- E. Riboxin(Inosine)

What hypotensive drug is an agent of choice for the patients suffering from arterial hypertension with concomitant type I diabetes mellitus? **(2016, № 1657)**

- A. Lisinopril
- B. Hydrochlorothiazide
- C. Atenolol
- D. Labetalol
- E. Carvedilol

A patient with essential hypertension complains of infrequent occurrences of dry cough. Clinical and X-ray examination of the respiratory organs revealed no pathologies. What drug from those taken by the patient can cause cough as a side effect? **(2016, № 169)**

- A. Captopril
- B. Diltiazem
- C. Hydrochlorothiazide
- D. Nebivolol
- E. Prestarium (Perindopril)

A patient is 20 years old. After she was stung by a bee the patient developed Quincke's disease; rash in the form of blisters and papulae appeared on her torso. First aid in this case should start with administering the following drug: **(2016, № 173)**

- A. Prednisolone
- B. Penicillin

- C. Fresh frozen plasma
- D. Rheopolyglukin (Dextran)
- E. Haemodes

A 34-year-old patient suffering from systemic lupus erythematosus takes methylprednisolone. On examination the patient's blood calcium is revealed to be low. A doctor suspects osteoporosis development. It is necessary to prescribe the patient calcium preparations and: **(2016, № 187)**

- A. Vitamin D<sub>3</sub>
- B. B-group vitamins
- C. Vitamin C
- D. Vitamin A
- E. Vitamin E

A 52-year-old patient has been diagnosed with gouty arthritis, phase 2. What drug should be basic in treatment of this patient? **(2016, № 190)**

- A. Allopurinol
- B. Hydrochlorothiazide
- C. Paracetamol
- D. Furosemide
- E. Penicillin