

9.0 Фармакологія (2 частина)

1

A patient diagnosed with focal tuberculosis of the upper lobe of the right lung had been taking isoniazid as a part of combination therapy. After some time, the patient reported of muscle weakness, decreased skin sensitivity, blurred vision, impaired motor coordination. Which vitamin preparation should be used to address these phenomena?

- A** Vitamin B₆
- B** Vitamin A
- C** Vitamin D
- D** Vitamin B₁₂
- E** Vitamin C

2

A 60-year-old male patient has a 9-year history of diabetes and takes insulin Semilente for the correction of hyperglycemia. 10 days ago he began taking anaprilin for hypertension. One hour after administration of the antihypertensive drug the patient developed hypoglycemic coma.

What is the mechanism of hypoglycemia in case of anaprilin use?

- A** Inhibition of glycogenolysis
- B** Reduction of glucagon half-life
- C** Increase of insulin Semilente half-life
- D** Increase of bioavailability of insulin Semilente
- E** Decrease in glucose absorption

3

A 60-year-old patient with a long history of stenocardia takes coronarodilator agents. He has also been administered acetylsalicylic acid to reduce platelet aggregation. What is the mechanism of antiplatelet action of acetylsalicylic acid?

- A** It reduces the activity of cyclooxygenase
- B** It reduces the activity of phosphodiesterase
- C** It enhances the activity of platelet adenylate cyclase
- D** It enhances the synthesis of prostacyclin
- E** It has membrane stabilizing effect

4

A girl receives antibiotics of the penicillin group for acute bronchitis. On the third day of treatment she developed allergic dermatitis. Which drug should be administered?

- A** Loratadine
- B** Cromolyn sodium
- C** Beclomethasone
- D** Ephedrine hydrochloride
- E** Levamisole

5

A 40-year-old female patient diagnosed with acute pancreatitis has been delivered to the admission department of a regional hospital. What drug should be administered the patient in the first place?

- A** Contrycal
- B** Platyphyllin
- C** Atropine
- D** Metacin
- E** Pirenzepine

6

A female patient with bronchial asthma had taken prednisolone tablets (1 tablet 3 times a day) for 2 months. Due to a significant improvement of her condition the patient suddenly stopped taking it. What complication is likely to develop in this case?

- A** Withdrawal syndrome

- B** Cushing's syndrome
- C** Gastrorrhagia
- D** Upper body obesity
- E** Hypotension

7

During a surgery with the use of hygronium the patient had an abrupt fall in blood pressure. Blood pressure can be normalized by the representatives of the following drug group:

- A** α -adrenergic agonists
- B** α -blockers
- C** Ganglionic blockers
- D** M-cholinergic agents
- E** N-cholinergic agents

8

A patient with a dislocated shoulder had been admitted to a hospital. With the purpose of skeletal muscle relaxation he was given an injection of relaxant dithylinum acting normally 5-7 minutes. However, the effect of dithylinum in this patient lasted up to 8 hours. What is the most likely cause of the prolonged effect of dithylinum in this patient?

- A** Genetic deficiency of blood cholinesterase
- B** Reduced activity of microsomal liver enzymes
- C** Reduced drug excretion
- D** Material accumulation of the drug
- E** Potentiation by another drug

9

A patient with biliary dyskinesia and constipations has been prescribed a cholagogue having also a laxative effect. What drug has been administered?

- A** Magnesium sulfate
- B** Allochol
- C** Cholosas
- D** Cholenzyme
- E** Nicodinum

10

It is known that individuals with genetically caused deficiency of glucose-6-phosphate dehydrogenase may develop RBC hemolysis in response to the administration of some antimalarial drugs. Manifestation of adverse reactions to drugs is called:

- A** Idiosyncrasy
- B** Allergy
- C** Sensibilization
- D** Tachyphylaxis
- E** Tolerance

11

A comatose patient was taken to the hospital. He has a history of diabetes mellitus. Objectively: Kussmaul breathing, low blood pressure, acetone odor of breath. After the emergency treatment the patient's condition improved. What drug had been administered to the patient?

- A** Insulin
- B** Adrenaline
- C** Isadrinum
- D** Glibenclamide
- E** Furosemide

12

In order to stimulate breathing in a child born with asphyxia, the doctor gave him a drug injection

into the umbilical vein. What drug might have been injected?

- A** Aethimizolum
- B** Corazolum
- C** Cordiaminum
- D** Sulfocamphocainum
- E** Coffeinum

13

A patient with urolithiasis has unbearable spasmodic pain. To prevent pain shock, he has been given an injection of atropine along with a narcotic analgesic having antispasmodic effect. What drug was it?

- A** Promedol
- B** Nalorphine
- C** Tramadol
- D** Ethylmorphine hydrochloride
- E** Morphine hydrochloride