

Derangements of haemodynamics

1

The patient was 24 years old a child is suffering from rheumatism, clinically diagnosed mitral stenosis. In recent years, frequent episodes of cardiovascular deficiency, almost constant cough with rusty sputum What are possible lung abnormalities in this patient.

- A * Bure packing light
- B Emphysema
- C pulmonary atelectasis
- D Pulmonary fibrosis
- E Bronchiectasis

2

Microscopic examination of blood clots found in the lumen femoral artery, a pathologist saw uneven accumulation fibrin and destruction of erythrocytes and leukocytes, the relationship with sex, complete closure lumen of the artery. What is it?

- A * Mixed thrombus
- Postmortem blood bundle B
- C thromboembolism
- D hyaline thrombus
- E Red thrombus 3

The patient, who suffers from suppurative otitis and sagittal sinus thrombosis solid mater, separation of the blood clot could threaten the development of:

- A * Thromboembolism branches of the pulmonary artery
- B Thromboembolism vessels of the brain to the development of gray softening of the brain
- C Thromboembolism vessels of the retina and the development of blindness
- D Thromboembolism coronary arteries
- E Local anemia

4

Patient 55 years operated for acute appendicitis. On the fifth day get out of bed feeling shortness of breath, cyanosis had developed a sharp, I lost consciousness. After an unsuccessful resuscitation pronounced dead. At autopsy detected pulmonary embolism. What could be the most likely the source of thromboembolism?

- A * Venous thrombosis of the lower limbs
- B portal vein thrombosis
- C Thrombosis mesenteric arteries
- D thrombosis in the left ventricle
- E spherical atrial thrombus

5

Patients with fractures of the humerus was put in plaster. After 2:00 brush and visible part of the forearm became cyanotic, cold to the touch, swollen. What upset circulation has taken place?

- A * Local venous congestion
- B Local blood congestion
- C Local anemia
- D Stasi
- E Thrombosis 6

Patient after an open fracture of the clavicle sudden death occurred. With early Showdown in the right ventricle of the heart and pulmonary arteries detected foamy blood. What

happened

the cause of death?

- A * Air embolism
- B Bacterial embolism
- C Bleeding
- D Tissue embolism
- E Fat embolism

7

Microscopic examination of the newborn umbilical vein, died of intoxication, found the vessel wall with a diffuse inflammatory infiltration, in the lumen of her - occlusive thrombus with a lot of neutrophils with symptoms karyorrhexis and colonies of bacteria. From the most likely consequences of a blood clot?

- A * Septic autolysis.
- B aseptic autolysis.
- C Organization of thrombus and sewerage.
- D conversion to thromboembolism.
- E petrification thrombus.

8

The patient of 65 years suffering from deep vein thrombophlebitis of the lower leg, in the clinic, in queue to see a doctor, death occurred suddenly. At autopsy, in general the trunk and the pulmonary artery bifurcation found plump red mass with a dull corrugated surface. The pathological process in the lung artery?

- A * thromboembolism
- B Thrombosis
- C Tissue embolism
- D embolism foreign bodies
- E fat embolism

9

Patient 70 years old, suffering from diabetes and had a heart attack and died with symptoms of progressive cardiovascular disease. At autopsy - cyanotic induration of the spleen and kidney, brown induration of lungs and nutmeg liver. Kind of poor circulation caused changes in the internal organs?

- A * Total chronic venous congestion
- B Total acute venous congestion
- C Total arterial hyperemia after anemia
- D arterial ischemia due to blood redistribution
- E Local chronic venous congestion

10

During a traffic accident the driver was wounded in the neck by broken glass. Bleeding was a small, but a few minutes later the victim died with symptoms of acute asphyxia. With the opening of the heart of the deceased in the water-filled pericardial stand bubbles. Specify the pathological process.

- A * Air embolism
- B gas embolism
- C Fat embolism
- D Thromboembolism
- E Embolism foreign bodies