

Cellular adaptation

1

The patient, 65 years old, underwent surgery in urology department about adenomatous prostatic hyperplasia. During surgery revealed that the wall bladder thickened to 1 cm. This can be explained by:

- A * Working hypertrophy
- B vicarious hypertrophy
- C Hormonal hypertrophy
- D Hormonal hyperplasia
- E protective hyperplasia

2

At autopsy the patient of 57 years suffering from hypertension and died cardiac decompensation, found enlarged heart with enlarged cavity (550 g weight of his left ventricular wall thickness of 2.5 cm). cardiomyocytes microscopically a significant increase in size, with steatosis and barrel-shaped hyperchromatic nuclei. Which processes is most likely the heart?

- A * eccentric hypertrophy
- B myocarditis
- C concentric hypertrophy
- D angiogenic cardio
- E cardiomyopathy

3

The biopsy of bronchial mucosa of the patient 50 years old, 20 years old suffered from chronic bronchitis, found her thinning, cystic conversion mucous glands pockets replacing the prismatic multilayered squamous epithelium . Which pathological processes is most likely?

- A * Metaplasia.
- B hyperplasia.
- C heterotopia.
- D Geteroplaziya.
- E dysplasia.

4

When viewed from the mouth to the buccal mucosa determined tight spot whitish diameter of about 1 cm, which is slightly rising above the level of the mucosa. As the name of this disease process?

- A * leukoplakia.
- B erythroplakia
- C carnification
- D Organization
- E mucoïd swelling

5

After a traumatic liver injury occurred after a full recovery of the structure and function of the liver. What do you call this kind of regeneration?

- A * Restitution
- B substitution
- C Pathological Regeneration
- D Normal physiological regeneration
- E

6

The patient - a deep laceration with jagged edges, covered with pus. The boundary sections - juicy granulation tissue, does not rise above the level of injury. What kind of wound healing.

- A * healing by secondary intention.
- B Healing by primary intention.
- C healing under a scab.
- D The immediate closure of the defect epithelial tissue.
- E Organization of the wound.

7

At autopsy the patient, who suffered from frequent bleeding and hemorrhoids died of acute myocardial infarction. It was found that the bone marrow of the diaphysis hip juicy red. The process developed in the bone marrow?

- A * Compensatory hyperplasia
- B vicar hypertrophy
- C Hypertrophic growths
- D Hormonal hyperplasia
- E Working hypertrophy

8

Patients suffering from stomach cancer, died of cancer cachexia. At autopsy were found characteristic changes in the heart. What do you call such a heart?

- A. * Brown atrophic
- B. Tons
- C. armored
- D. Brindle
- E. -

9

Teenager complains about the thinning of the muscles and decrease in the lower leg, which arose after the continued fracture of the femur without damaging the nerves. What do you call this muscle atrophy.

- A. * Dysfunctional
- B. neurotic
- C. is caused by insufficient blood supply
- D. caused by compression
- E. From the action of physical factors

10

The dead woman, 86 years old, who suffered from cerebral atherosclerosis at autopsy revealed atrophy of the cerebral cortex. What's that atrophy as to the cause?

- A. * from insufficient blood supply.
- B. From the pressure.
- C. From the action of physical and chemical factors.
- D. neurotic.
- E. dysfunctional.