

КРОК – КОМПЕНСАТОРНЫЕ ПРОЦЕССЫ

?

While histological examination of the womb mucous tunic were found sinuous glands, serrated and corkscrew-like, extended, stroma growings with cells proliferation. Your diagnose:

- + glandular hyperplasia of endometrium
- acute endometrium
- leiomyoma
- hydated mole
- placental polyp

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On the ventral surface of the tongue a man with prosthetic appliance on the lower jaw dense grey plaque of irregular form with uneven surface and clear-cut borders. While histological examination of formation preserved structure of multi-layer plane epithelium is noticed, it is thickened at the expense of dogrose-like and basal layers, hyperkeratosis, akantosis; lymphomacraphagal infiltration of subjecting conjunctive tissue. Diagnose the disease:

- + leukoplakia
- erythroplakia
- papilloma
- carcinoma in situ
- condyloma

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The right lung of the sick was extracted apropos of the swallowing, after it volume of the lung enlarged on 50%. What process developed in the left lung?

- + vicarial hypertrophy
- neurohumoral hypertrophy
- pseudohypertrophy
- work hypertrophy
- hypertrophic growing

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To the woman with dysfunctional womb bleeding it was made diagnostic scraping out. Histologically in scrape numerous sinuous glands were found, gleams of some glands are cyst widened. Name the type of general pathologic process in endometrium.

- + ferriferous-cyst hyperplasia
- atrophy
- metaplasia
- displasia
- hyperthrophic growings

?

The sick with amputated lower extremity in the stump appeared painful nodules. While microscopical examination amputation neuromas were revealed. To what pathological process are these formations related?

- + pathological regeneration
- full reparative regeneration
- inflammation
- incomplete reparative regeneration
- metaplasia

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The sick died of cardial insufficiency, in anamnesis there is pulmonectomy apropos of the right lung cyst. On the postmortal examination enlarged left lung was found. Name the pathological process in the left lung.

- + vicarial hypertrophy
- neurohumoral hypertrophy
- dysfunctional atrophy
- discircular atrophy
- neurotic atrophy

?

While postmortal examination of the woman's (69 years old) body, who suffered for a long time of essential heart hypertension, pathologist found that her both kidneys are dense, considerably reduced in size, the surface is small-grained. Such changes testify of:

- + atrophy because of blood supply deficiency
- atrophy because of pressure
- senile atrophy
- dysfunctional atrophy
- hypoplasia

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In the biopsy material of bronchial tube mucous tunic of the man, who suffered of chronic bronchitis, areas of multi-layer plane not becoming horny epithelium were found. Diagnose pathological process in mucous tunic of bronchial tube

+ metaplasia

- atrophy
- hyperplasia
- displasia

?

After trauma of liver became the full renewal of structure and functions of liver. What kind of regeneration is this?

+ restitution

- incomplete regeneration
- pathological regeneration
- simple physiological regeneration
- substitution

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The sick of chronic cystitis in the biopsy material of bladder mucous tunic with transitional epithelium areas of multi-layer plane not becoming horny epithelium were found. What process lies in the basis of the described changes in epithelium?

+ metaplasia

- dystrophy
- hyperplasia
- displasia
- hyperkeratosis

?

While examination of mouth cavity on the mucous tunic of the cheek dense spot of white colour 1cm in diameter is determined, which towers above the surface of mucous tunic. What pathological process is this?

+ leukoplakia

- erythroplakia
- carnification
- organization
- mucous swelling

?

To the pathomorphological department was sent a piece of tunic from the edge of chronic stomach ulcer. While histological examination in it was found: necrosis, granulation tissue, surplus development of fibrous conjunctive tissue and metaplasia of epithelium. What kind of compensatory-adaptable process is this?

+ pathological regeneration with disturbance of phases changing

- hypertrophy
- physiological regeneration
- reparative regeneration (substitution)
- reparative regeneration (restitution)

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In the biopsy material of bronchial tube mucous tunic of the sick, 50 years old, who suffered for twenty years of chronic bronchitis, thinning of mucous tunic, cyst-like transformation of the mucous glands were found, there were also focuses of substitution of prismatic epithelium on the multi-layer plane epithelium. What of the heart pathological processes enumerated above is the most trustworthy?

+ metaplasia

- hyperplasia
- heterotrophy
- heteroplasia
- displasia

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The sick, who suffered for a long time of chronic bronchitis, got the development of chronic heart insufficiency. On the postmortal examination in the lungs there is: emphysema and pulmonary sclerosis. What heart changes develop in such case?

+ hypertrophy of the right heart ventricle

- hypertrophy of the left heart ventricle
- hypertrophy of all heart ventricles
- diffusive cardiosclerosis
- myocardium atrophy

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On the postmortal examination of the sick, 57 years old, which suffered of essential heart hypertension and died of heart decompensation, it was found an enlarged heart with expanded cavity (mass is 550g, thickness of wall is 2.5cm), microscopically cardiomyocytes are noticeably enlarged, with fatty degeneration and гиперохромными barrel-like nuclei. What of pathological processes enumerated above is the most trustworthy?

+ eccentric hypertrophy

- myocarditis
- concentric hypertrophy
- angiogenic atherosclerosis
- cardiomyopathy

?

A sick child, 12 years old, who suffers of poliomyelitis, somatic muscles are weak, reduced in volume, skin is dry and pale, while morphological examination of the soft tissues biopsy material typical morphologic changes were revealed. Define the character of pathological process of the soft tissues.

- + atrophy
- hypertrophy
- hyperplasia
- metaplasia
- hyperplasia

?

The sick, who for a long time smoked too much, got coughing with excretions of viscous mucus, weakness after physical exercises, paleness of skin, during last 2 months he lost his weight on 12kg. while endoscopic examination of the bronchial tube biopsy material was given a diagnose: epidermoid cancer. Define the character of pathological process, which preceded the formation of swallowing.

- + metaplasia
- hypoplasia
- hyperplasia
- necrosis
- sclerosis

?

The sick, 65 years old, was operated in the urological department apropos of adenomatous hyperplasia of prostate gland. While operation it was found, that wall of bladder is thickened to 1cm. It can be explained by:

- + work hypertrophy
- vicarial hypertrophy
- hormone hypertrophy
- hormone hyperplasia
- protective hyperplasia

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The sick, 72 years old, who suffered of pancreatic diabetes, was delivered to surgeon department with shin ulcer, which didn't close up for a long time. After 3 weeks of treatment while the ulcer examination its bottom looks soft, juicy, rosy with small-grained surface. What histological description corresponds to this process?

- + many thin-walled capillaries and proliferating cells
- extensive necrosis, accumulation of segmental leukocytes
- multi-layer, plane, becoming horny epithelium
- existence of fibroblasts and fascicles of collagenous fibres
- among mature fibrous tissue sharply widened vessels

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The sick, 70 years old, was delivered to the thoracic department with the diagnose of lung abscess, with the symptoms of growing cordial insufficiency he died. On the postmortal examination it was found, that lymph nodes of mediastinum are enlarged, juicy, of rosy-red colour. Spleen is enlarged, slack, with rich scrap of pulp. By what can changes in spleen and lymph nodes be explained

- + protective hyperplasia
- compensatory hyperplasia
- hormone hyperplasia
- passive congestion
- purulent inflammation in lymph node and spleen