Practical skills in pathological anatomy-2

MODULE: CARDIOVASCULAR SYSTEM

Topic №3 «Chronic heart insufficiency, pathomorphological manifestations, outcomes, complications, causes of death. The syndrome of acute circulatory insufficiency. Peculiarity in children"

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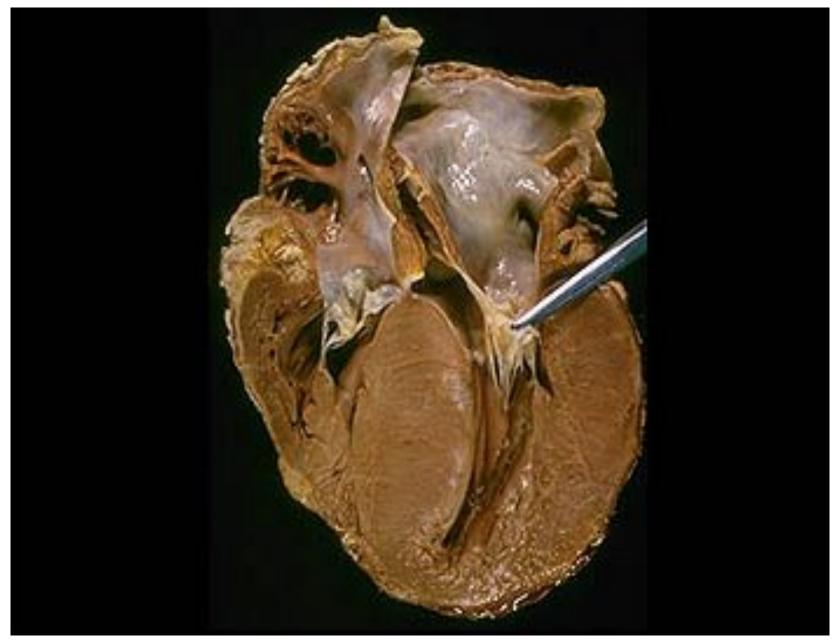
The purpose

• Secure the knowledge of the mechanism of formation of acute and chronic heart insufficiency, peculiarity in children

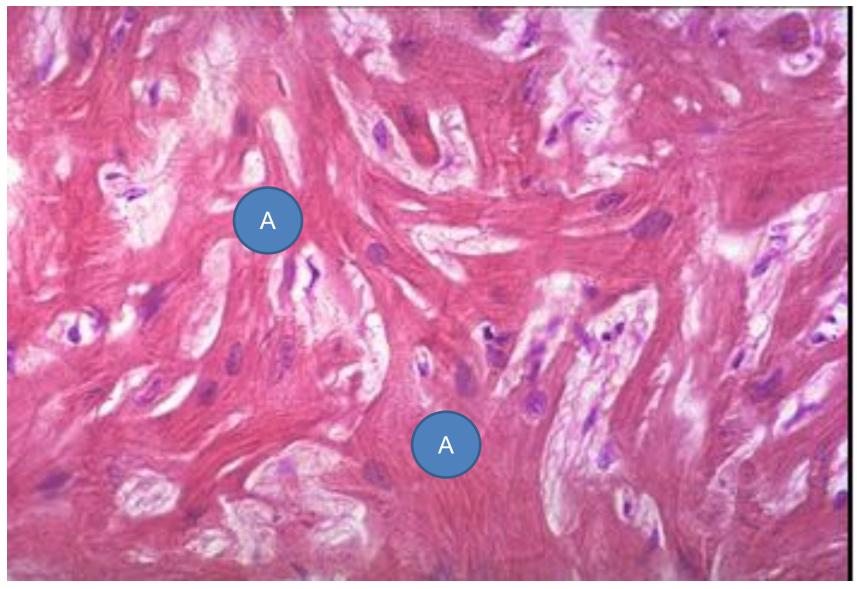
Learning objectives:

- The student should know:
- morphological characteristics of syndromes of acute and chronic heart insufficiency
- The student should be able to:
- be able to explain the mechanism of acute and chronic heart insufficiency
- interpret the macro- and microscopic picture of the changes in the heart and blood vessels during the syndrome of acute and chronic heart insufficiency

Hypertrophic cardiomyopathy



Hypertrophic cardiomyopathy

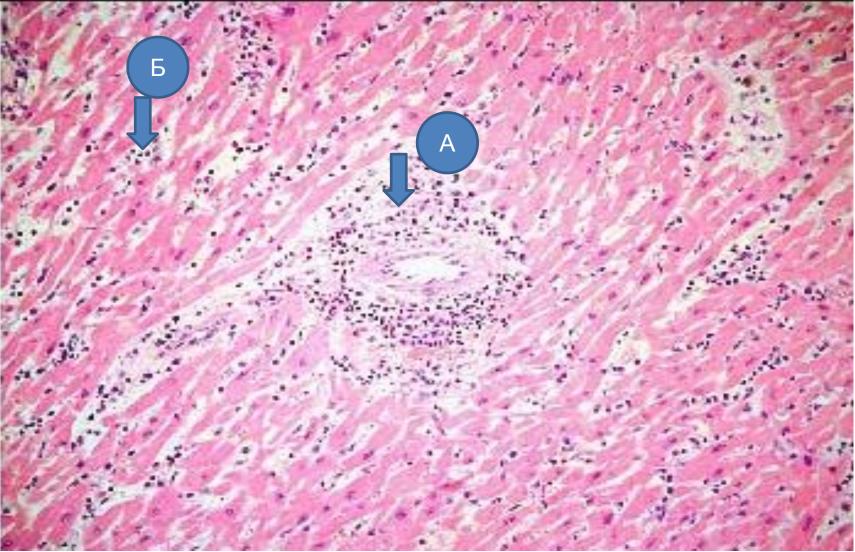


• A. Hypertrophy of cardiomyocytes

Myocarditis

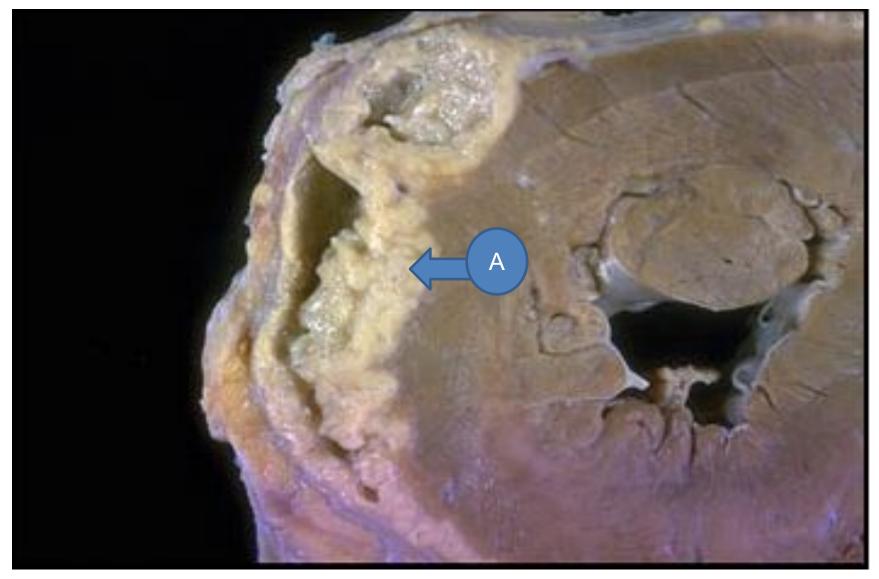


Myocarditis



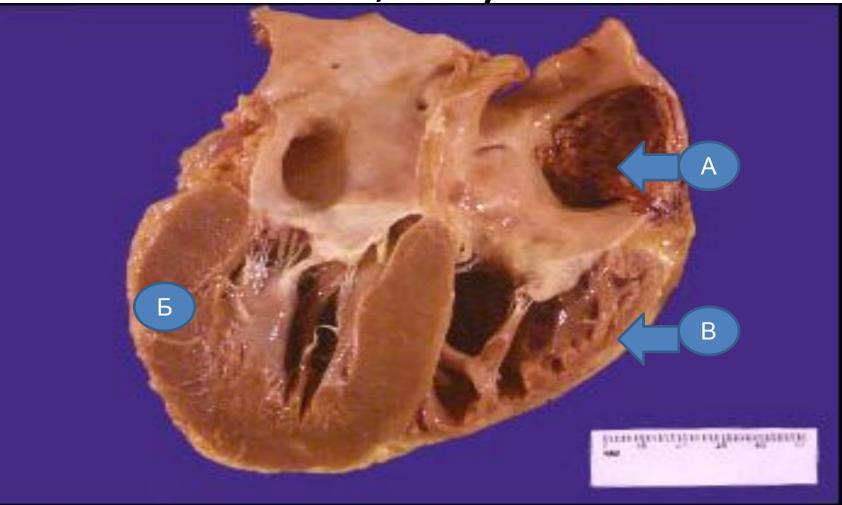
- A. Perivascular lymphocytic inflammatory infiltrate
- Б. Interstitial cells

Pericarditis



•A. Granulomatous pericarditis

Heart, amyloidosis



- A. Thrombosis of the right atrium
- B. The left ventricle
- B. Right ventricle