

# **PATHOMORPHOLOGICAL CHANGES IN THE HEART OF CATS AT THE CALICIVIRAL INFECTION.**

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***Cats, caliciviral infection, heart, myocardium, gross changes, microscopic changes.***

*Presented the results of study of macroscopic and microscopic changes in the heart of cats, died from a caliciviral infection. It is set that at necropsy changes, typical for a "pulmonary heart", find in a heart. At histological examination violation of circulation of blood and dystrophic changes are set in myocardium, that testifies to toxic influence on myocardium. Changes are also described in the nervous system of myocardium. The purpose of research - to establish pathological changes in heart kalitsivirusny infection in cats.*

*Material and methods research. Work performed at the Department of Pathological Anatomy of National University of Life and in-rodokorystuvannya Ukraine. The diagnosis of infection in kalitsivirusnu set comprehensively, taking into account the epizootic data, clinical signs of disease, pathological-anatomical changes and the results of laboratory diagnostics (lab-anomalies "Baldo", m. Kyiv).*

*Mortem 28 dead cats was performed by partial evistseratsiyi [2]. In conducting the postmortem autopsy samples were taken for histological slices from different parts of the heart. Selected pieces were fixed in 10% neutral aqueous solution of formalin and after dehydration in ethanol growing concentration through chloroform was poured into paraffin. 7-10 micron thick sections were obtained using Luge.*