

COMPARATIVE CHARACTERISTICS OF PERIPHERAL ORGANS OF IMMUNITY IN KITTENS AGED UP TO A MONTH.

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Past studies found that in kittens aged 1 day all the structural and functional components of the spleen in the organ and tissue levels are formed, but part of the parenchyma on the white and red pulp is not clearly defined. Morphometric parameters of structural components lymph nodes do not have significant difference between the different groups, allowing you conclude about the formation of these bodies from birth.

The aim of research – the determination of morphometric parameters of the spleen and lymph nodes of kittens first days of life and month period.

Material and methods. Experiment was conducted on kittens of 1 day age (group 1) and 30 days (group 2). Was carried out the pathological-anatomical dissection by full evistseratsiyi and histological examination (hematoxylin staining histoizriv and eosin).

Results. The 1 day age kittens' peripheral organs of the immune system (lymph nodes and spleen) are anatomically shaped, with a topography.