

MORPHOLOGY OF SOME ORGANS OF THE NERVOUS SYSTEM IN DOMESTIC DOGS.

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This paper presents the results of morphological studies and morphometric parameters of individual neural system, namely the cerebellum, medulla and spinal cord and spinal units of domestic dog. Material and methods of research. The material for histological study was cerebellum, medulla and spinal cord and spinal units mature domestic dogs weighing 20-30 kg and height at the withers 40-49 cm ($n = 6$). The paper used anatomical, histological, morphometric methods neyrohistolohichni and studies [1, 2]. For histological examination material pieces were fixed in 12% neutral th aqueous solution of formalin, followed by pouring paraffin, then, made serial sections that were stained with hematoxylin and eosin. Also conducted silver nitrate impregnation method Bilshovskoho Grosso. Morphometric study of histological preparations was performed using the microscope "bio-Lomo" and MBS-10 [1].