

THE MOSTLY COMMON TESTICULAR PATHOLOGICAL CHANGES IN DOGS

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Summary. The purpose of this research was to examine the mostly common testicular pathological changes in dogs. There were examined 40 bodies of dogs in the department of Physiology and pathology. There were accomplished morphological, histological and histochemical studies of pathological testicular tissues. The pathological material was gathered from euthanased or dead dogs bodies and from during an operation collected material. Pathological tissues were fixed with Bouin's solution, embeded in paraffin, stained with hematoxylin-eosin, performed PAS reaction. The dogs were divided in to three groups according to age: 5 years and younger, from 6 to 9 year and from 10 to 16 year. We found these testicular pathological changes in dogs: degeneration, cryptorchidism, hypoplasia, cysts, orchitis, and tumours. In same cases there were diagnosed few testicular pathological changes in the same dog. The testicular tumours (42 %) and degenerations (29 %) were mostly diagnosed testicular pathological changes.

Keywords: dogs, testis, degeneration, tumours, orchitis, cryptorchidism.