

## ESTIMATION AND CAUSES OF INCREASING PROSTATE OF DOGS

N.Baužaitė, A.Mlečkienė

**Summary.** Our purpose was : investigation frequency of increasing dogs prostate, index determination, macroscopical and histological examination of its. The material comprised 35 glands of various age pure - breeds and mixed - breeds dogs. The material were selected at Lithuanian Veterinary Academy, Department of Physiology and pathology. We estimated morphology and histologic findings of glands and index of them. Only five (16 %) dogs showed normal index - 0,7 (gm of prostate per kilogram of dogs body weight). Increased prostatic index was observed in 30 (84 %) dogs. Percent of increased prostate grow with dogs age. Most commonly pathologies of dogs prostate were hyperplasia, cystic hyperplasia, prostatitis, intraepitelial neoplasia and adenocarcinoma.

**Keywords:** dog, index of prostate, hyperplasia, neoplasia.