

ENDOMETROSIS IN LITHUANIAN MARES

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Summary. Endometrosis, which results in chronic fibrotic changes in endometrium, is one of the most frequent reasons for infertility in horses. Mares with endometrosis have reduced opportunity to deliver lively foal. The purpose of this research was to rate the cases of endometrosis in Lithuanian mares. Thirty-one mares were examined during autopsy and biopsy at the Veterinary Pathology Section, Department of Infectious Diseases, Lithuanian Veterinary Academy. Mares were grouped into four groups according to the age and into four categories depending on the endometrial changes, according to Kenney and Doig (1986). The results from this study demonstrated, that 87% of the mares had endometrial changes, from which 58% were mares with endometritis, 16% with endometrosis and 13% mixed endometrosis with endometritis, respectively. According to Kenney and Doig (1986) classification, the biggest group was IIa category (17 cases), in IIb category registered 9 cases, in I category – 4 cases and in the last III category was only one case.

Keywords: Mares, endometrosis, biopsies, endometritis.