

## INFLUENCE OF AGE, BREED AND SEX ON MANIFESTATION OF FELINE CHOLANGIOHEPATITIS

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**Summary.** During 2003–2007 at Dr. L. Kriaučeliūnas Clinics for Small Animals of the Lithuanian Veterinary Academy and two other veterinary facilities totally 2945 cats were treated and 726 of those animals had gastrointestinal disorders. Cholangiohepatitis was confirmed in 216 cats (in 29.7% of all gastrointestinal disorders and in 7.3% of all cases) ( $P < 0.05$ ).

All treated cats were clinically examined; also rentgenological and ultrasound diagnostics, blood (GPT, GOT, ALP, Bil) and urine biochemical, and morphological analysis were performed. Statistical analysis of collected data was performed using “Microsoft Excel 2003” and “Graph Prism™ Version 2.0” packages.

Our results showed, that cholangiohepatitis was most common in mix breed cats – in average 67.6% of cats with gastrointestinal disorders yearly. The most common pure breed cats affected were Siamese - 9.7%, Persian - 7.9%, Russian blue - 4.2% and Exotic - 4.2%, respectively. This syndrome was prevalent 1-5 year old cats (approximately 51.4% of all treated animals) ( $P < 0.05$ ). However, in cats up to 1 year old cholangiohepatitis was not common (6.0% of all cases) ( $P < 0.05$ ). Males were slightly more susceptible (in average 56% of all cases). No seasonal influence was observed ( $P > 0.05$ ). There was no correlation between the age and the breed ( $r = -0.09$ ), the age and sex ( $r = 0.15$ ) and sex and the breed ( $r = 0.02$ ) of cats diagnosed with cholangiohepatitis.

**Keywords:** cholangiohepatitis, breed, age, sex, cats.