

FIXODIDA Zx™ STUDY

EVALUATION of FIXODIDA Zx™

Axia study of the effect on mouth hygiene on pets.

Study Objectives

To study, through practical tests in Sweden, the effect that daily intake of the natural feed supplement Fixodida Zx™ has on the oral hygiene (breath) on pets (dogs and cats).

Compound

Fixodida Zx™ is a natural food supplement. Its main ingredient is fulvic acid, which is a naturally occurring substance that will boost the animal's the animals' health and well-being by affecting the animals' metabolism, physiology and immune system.

Product information

Fixodida Zx™ is a registered feed supplement with the Swedish Board of Agriculture. (Department for Animal Welfare and Health) Registered 2007-04-12/SE62680454

Study population

The study population consisted of 42 animals, 39 domestic dogs and 3 domestic cats. None of the participating kennels or breeders had previous engagements with Axia KB, or its representatives.

The following dog breeds are included in the population of test animals:

Cocker Spaniel
Border Terrier
Flat Coated Retriever
Golden retriever
German Shepard
Cocker Spaniel
Cavalier
Border Terrier
Russian Bolonka
Flat Coated Retriever

Experimental design

- Each animal received Fixodida Zx™ as a supplement to their ordinary diet according to dosage recommendations⁵ over a trial period of 30 days.
- No alterations of the individual diets were allowed during the trial period of Fixodida Zx™.
- All kennels received food supplements to cover a 30-day trial period for each individual animal along with a two-page test form.

¹ The Public Health Agency of Sweden <http://www.folkhalsomyndigheten.se>

² European Centre for Disease Prevention and Control; <http://ecdc.europa.eu>

³ The Swedish National Veterinary Institute;

http://www.sva.se/globalassets/redesign2011/pdf/antibiotika/antibiotikapolicy_2009.pdf

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- Before the trial period each individual was evaluated on several parameters: breed, weight, breath odor, daily supplement of Fixodida Zx™, along with its general health status before and after the test period.
- The forms carried unique identifiers for each animal, tracked by breed, name and weight.
- The animals were subjected to a daily inspection of fur and skin as well as breath odor before and after the trial period.
- The study was performed during the summer of 2010.

Data analysis

The response rate was 100%. All numbers presented in this report is based on the entire population of 42 animals, and the results are relative to each evaluated parameter.

Results

The parameters evaluated before and after the Fixodida Zx™ study was the breath odor of each individual animal. As seen in Table 1, the breath odor had improved after the trial period, with the incidence of the highest grades (grade 1 and 2) increasing from 35% to 67%. There was a concomitant drop of the two lowest grades (4 and 5) from 31% to 6% after the trial period.

Table 1. Estimation of breath odor on a scale of 1 to 5, where 1 represents a fresh breath and 5 corresponds to really bad breath.

Breath odor evaluated before the study (percentage of the entire population)				
1	2	3	4	5
27%	8%	34%	14%	17%
Breath odor evaluated after the study (percentage of the entire population)				
1	2	3	4	5
50%	17%	27%	3%	3%

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DATA IN SUMMARY

- A** The results statistically show a clear improvement in the perceived breath odor from the oral cavities of the test animals. 82% of the test animals with the worst reported breath (grade 5) improved with Fixodida Zx™. 4 out of 5 animals with the worst breath (grade 4 and 5) had a positive result from eating the feed supplement Fixodida Zx™.
- B** 50% of the animals were considered to have a completely fresh smell from the mouth after 30 days compared to 27% before taking Fixodida Zx™. The group of animals that were considered to have a completely fresh breath almost doubled during the test period.
- C** 17% of the population was considered to have a very bad mouth odor before the test period. Only 3% of the animals (i.e. one animal) were considered to still have a very bad breath (grade 5) after 30 days of ingestion of Fixodida Zx™.

Stockholm, 15 mars, 2023

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