Optimization of coprological studies in animals with the use of homeopathic Nux vomica 6CH

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**Background:** Etiology of various gastrointestinal dysfunctions varies from infections and infestations to consequences of emotional stress and errors in animals’ nutrition. Taking this variability of etiology and pathogenesis into account, a lot depends not only on completeness of homeopathic history taking but also on the quality of laboratory studies. In our experience, coprology studies are especially complicated when persistent gastrointestinal disorders were preceded by massive use of allopathic remedies. This sometimes necessitates repeated examinations. That is why our interest in having reliable results and early detection of latent indigestion made us look for non-invasive methods which could be easy to use in animals but at the same time could reveal latent gastrointestinal pathology in animals. **Aims:** The study was aimed to determine the effect of a homeopathic medication Nux Vomica 6CH on detection of latent gastrointestinal pathology in small domestic animals. **Method:** Coprology studies were performed simultaneously with the use of sedimentation method and Fulleborn method (modification of Scherbovich). Infestations were diagnosed and characteristics of patient digestion were recorded. Feces test detected: 1. Presence of endoparasites (helminths, protozoa and yeast-like structures); 2. State of intestinal microflora (presence of different species and their balance with each other); 3. Degree of food absorbency (presence or lack of undigested protein, carbohydrates and fat); 4. Presence of inedible inclusions; 5. Presence of cells (lymphocytes, erythrocytes, intestinal epithelium, tumor fragments). If animal feces tests were non-informative, then all medications (except vitally important) were discontinued and Nux Vomica 6CH twice a day twenty minutes prior to food intake was prescribed for 6 days (4 globules dissolved in 10 ml of water). **Results:** 4500 coprology tests were performed during 3 years in cats and dogs. About 10% of the total number of examined animals (449 patients) produced very little information about the state of gastrointestinal systems at the first examination. When these cases were analyzed, the following reasons were found: long-term use of strong drugs, significant weakening of body immune system. As a result diagnostic tests were of very little value. These animals were treated by Nux Vomica 6CH for 6 days and then repeated feces test was performed. This produced a more informative picture of the state of gastrointestinal system and enabled to determine etiology and pathogenesis of the animal condition and prescribe necessary treatment. **Conclusion:** In such a way, Nux Vomica 6CH homeopathic remedy promoted effective optimization of coprology studies in animals. The suggested scheme of use for Nux Vomica 6CH significantly improves feces test quality. This in turn reduces time needed to choose strategy and tactics of treatment of small domestic animals with different chronic diseases.

**Keywords:** detection of latent gastrointestinal pathology, coprology studies, Nux Vomica 6CH.