FEATURES OF DETERMINING THE EFFICACY OF ANTHELMINTIC DRUGS FOR DOGS AND CATS UNDER INTERNATIONAL REQUIREMENTS

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Introduction of the standards harmonized with international will provide the only way of exit of Ukraine to the international markets, will reduce in price charges on research of efficiency of veterinary preparations, going will provide only EU accepted in countries near registration of preparations and confession undertaken studies at an international level. Due to the removal of unnecessary duplication during realization of researches the requirement of bioethics, reduction of amount of animals necessary for establishment of safety and efficiency of veterinary ant-parasitic preparations will be observed. These documents will provide substantial payment in standardization and simplification of methods that is used for the estimation of new ant-helmintic and drugs-generic.

This article presents a review of methods that are used for evaluation of ant-parasitic agents in accordance with international requirements, the procedure of clinical trials, the process of planning and interpretation of research to assess the effectiveness of anti-parasitic drugs for dogs and cats.

Information is also provided on the choice of animals, conditions of retention, feeding etc. It should be noted that the control test is the most reliable method for determining ant-helmintic efficacy and is recommended for the determination of the therapeutic dose of new ant-helmintic agents, as well as the confirmation of the effectiveness of generic drugs.

A critical test is used in the study of ant-helmintic agents in the case of diseases in which helminths are isolated in a condition that allows them to be identified.

Control and critical tests can be used to evaluate the effectiveness of adult parasite forms, but only under the control of a test, using natural or experimental invasions, to determine efficacy at larval stages.

Keywords: ANT-HELMINTIC DRUGS, INTENS-EFFICIENCY, EXTENS-EFFECTIVITY, CONTROL TEST, CRITICAL TEST.