



ENSAYO “CANCER IN PET ANIMALS”

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INTRODUCTION.

In this essay I will talk about benign and malignant neoplasia (cancer), how common it is, how it can be detected, the different types that exist, the probability of a treatment and what can be achieved in the future; In order to inform us more about this topic and thus be able to identify some signs of our pets, if there is any discomfort, go to the veterinarian and avoid diseases and if there is already a neoplasia, give it treatment so that it does not spread further, does not get worse and provides more attention. and care for your well-being.

DEVELOPMENT

Neoplasia is the abnormal and uncontrolled growth of cells or tissues in the body, it can be benign (they do not grow and invade all the tissues of the body) or malignant (they grow rapidly, invade tissues and spread throughout the body); The tumor or mass is the swelling or abnormality in physical appearance and cancer can only be called malignant neoplasms, benign ones are not considered cancer. The neoplasia is common in pets and the incidence increases with age, but dogs generally contract it more than cats and mostly at the same time as humans, almost half of deaths in pets over ten years is for this reason. A neoplasia can be identified with the pet's medical history or physical examinations, but to rule this out, tests are obviously done to confirm or rule it out, either with x-rays, ultrasounds or blood tests, and with a biopsy it can be identified whether it is benign or malignant and with other types of biopsies it is possible to know how far the cancer has spread (if applicable); Unfortunately, neoplasms cannot be avoided since there is no known cause, but they can be detected and treated before they develop further. Some common types of neoplasia in pets are on the skin of older dogs (mostly benign), in cats they are less common but most are malignant, but the veterinarian still has to analyze them to see if they are good or bad; in the mammary gland, 50% in dogs and more than 85% in cats are malignant, which is why it is advisable to sterilize females before one year of age to avoid that.

Head and neck, attention should be paid to the mouth if there is any tumor, bleeding, odor or difficulty eating, or to the nose also if there is bleeding, difficulty breathing or facial

swelling; some lymphoma that is characterized by enlarged lymph nodes (in some cases in cats, leukemia can be the cause of lymphoma); in testicles, especially those with retained testicles (mostly dogs and a minority cats); abdomen, some signs that occur are due to swelling or weight loss, it is very difficult to make an early diagnosis; bones is seen more in large breed dogs and older dogs, less so in cats and pain, lameness and swelling are signs (mostly in leg bones near joints); According to these signs, the neoplasia can be treated and thus, with a quick diagnosis, the veterinarian provides better care. Each neoplasm requires individual attention and includes a series of therapies or treatments, benign ones are easier to treat and if detected in time, the treatment can be successful, on the other hand, cancer cannot be cured, it only prolongs the time of life and the quality of life is improved, in some cases euthanasia is considered when the animal has cancer so that it no longer suffers, but obviously that decision is made by the owner. As time passes through research and experience, new discoveries are made, as a consequence the animals have a better chance of having a successful treatment and in the future more lives will be saved.

CONCLUSION.

Based on the aforementioned, we can conclude that a neoplasm can be benign and if it is malignant, it is considered cancer, which can present several signs that indicate that something is not right and can be a disease that, if detected in time, can have a successful treatment, but if it is already too developed it is more difficult to cure and it could only prolong life and be treated but no longer cured and that the more discoveries, research and experiences are carried out, perhaps in the future a cure can be found to cancer and save more lives.

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