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CANCER

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CANCER ANIMALS

In this essay we will talk about a serious disease that affects our pets aged 10 years and older, called neoplasia in pets, to begin to address we have to know what neoplasia is; It is a Cancer that must be diagnosed at an early age by veterinary doctors in order to combat cancer. Veterinary doctors can find the disease through tests; blood, x-rays, and biopsies. We also have to know that animals can have diseases such as tumors, just like humans. This essay has the purpose of studying and helping the reader understand the severity of the disease [neoplasia], which is why tools will be highlighted to be able to be found and combated, we will explore. Scientific advances and clinical treatments facing the aforementioned that allow our pets to be healthy and strong to have a good life and always accompany us.

Neoplasia, or abnormal cell growth in the body, is a major health problem in pets, especially in dogs over 10 years of age. Cancer, the cause of more than half of the deaths in pets of this age, is one of the riskiest and strongest enemies faced by pets, their owners and veterinarians. Cancer detection and appropriate treatment must be carried out on time. The first weeks where it is a little better to start fighting it, veterinary doctors address a good number of work tools with which to face the disease such as; x-rays, blood tests, biopsies to identify the disease and begin treatment. The owners have the role of observing their animals and taking them to the veterinarian with any changes presented for their care. The behaviors and gestures that the pet makes make the work easier. as a veterinarian and help detect the animal to provide treatment. In the case of skin neoplasms, veterinarians have to see the growth or something normal in the skin to identify the disease, especially in the elderly, we must understand that neoplasia is a genetic change in which the cells undergo a genetic change. resulting in gene change in our pets called. Cancer that is carried out by uncontrolled proliferation, this imbalance can produce the growth of malignant tumors, what stands out in this development are the underlying molecular mechanisms that trigger this abnormal growth, achieving the abnormal

development of neoplasms, from genetic predisposition to environmental carcinogens, important markers that can help prevent the disease in a different way than one might think, neoplasia focuses on the multidisciplinary factor that ranges from laboratory tests to the images that are presented, to know the evolution and how to treat it with the known treatments as they are; Surgery, chemotherapies and radiotherapies mainly seek to attack cells already damaged by the disease and preserve healthy tissues as much as possible. It can be said that neoplasia deals a blow to society due to the economics of the treatments and the pets that suffer from it. This highlights and governs the value and attention that we must give to our pets for the care necessary to fight it in time and avoid the disease.

After having read and investigated the topic, I can conclude that neoplasia represents one of the most complex challenges for modern medicine. As we advance in understanding the molecular mechanisms and risk factors associated with this condition, new doors are opening toward more effective prevention and treatment. Continued research, public awareness and the development of innovative technologies are crucial to confront this biological phenomenon and improve the quality of life of those affected by the neoplasia. This essay seeks to shed light on the scientific and medical journey involved in neoplasia, inviting reflection on current advances and promising future perspectives in the fight against this complex disease.

