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**NOMBRE DEL TRABAJO: ENSAYO CANCER IN PETS
ANIMALS”**

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In the following activity we will address the case of neoplasms in pets or companion animals, taking into account the great repercussions that can have diseases such as cancer, which is known as one of the main problems in terms of deaths in domestic animals or pets that are older than 10 years of age. It is still being discussed about the importance of having the corresponding studies done to the animals so that they do not suffer in a more advanced age, such as the most common pets in the homes of all the families of the world, the cat and the dog, our pets also have their main needs as the fact of attending a veterinarian so that this same can carry out a control in which the main factor is to cure the pet, all these malignant diseases if they are treated in time can be cured or controlled without getting and spend a greater misfortune, we will also address and explain that they are each type of disease that give them to pets.

The animal organism is composed of cells with different functions, and these cells have a certain lifespan. When these cells suffer changes or alterations in their genetic material, the organism has different mechanisms of defense or cellular repair and destruction that it performs to reestablish normality, but if they were to fail it could lead to uncontrolled multiplication, giving rise to what we know as neoplasms or tumors, which can be benign or malignant, the latter being known as cancers. In the last 20 years the life expectancy of cats has fortunately increased, thanks to the great technological advancement that we have had over the years as time has been created or invented easier ways to find at an early age very dangerous or delicate diseases that could put at great risk to these same, as in recent years cats and dogs live longer as veterinarians and owners of these animals have ensured that the pet or in general any animal can spend very well and thus to improve the quality of life for our faithful companions. The symptoms of cancer in a pet can vary greatly as there are many types of carcinomas, so it is almost impossible to make a diagnosis based on them alone; for example, the most common: Appearance of mass on the skin, especially those that are growing, lesions that do not heal, even after treatment, difficulty going to the bathroom, vomiting and/or diarrhea with bleeding, loss of appetite and weight loss of your dog, problems eating or swallowing, stiffness or lameness, difficulty breathing, bad odor.

Depending on the degree of malignancy, they can be classified as benign or malignant on the basis of various characteristics, whereby the dividing line between the two forms is thin

and diffuse. In general, benign neoplasms have the following in common: differentiated cells, slow growth, no invasion of adjacent tissues, no spread throughout the organism. Malignant neoplasms, on the other hand, tend to invade adjacent tissues, are cells with a higher degree of indifference (the tissue of origin may not be recognized), show uncontrolled growth, tend to metastasize and can cause so-called paraneoplastic syndromes, i.e. symptoms in tissues distant from the tumor that are due either to substances secreted by the tumor or to changes in various parameters of the organism caused by it. Only certain cancers can be prevented, such as cancers of the male and female genitalia. Castration of young bitches prevents breast cancer, as well as tumors of the uterus and ovaries. Castration of dogs prevents testicular cancer and, to a certain extent, prostate cancer. Other types of cancer cannot be prevented, as for many of them no environmental cause is known, so we cannot give specific recommendations for cancer prevention. Obesity, however, is one of the main causes of cancer, so pets with a good body composition are less likely to develop cancer than obese pets. We are very well aware that the breeds that are more prone to have this type of diseases or that can suffer from them are the boxer and the golden retriever as they are very susceptible to these infectious agents or to these problems that if not treated in advance, worse things can happen.

With this activity we were able to realize the large number of diseases that our pets can suffer from if we do not give the care and attention, we must preserve and care for the species or breeds that are more susceptible to these diseases and those that are not so prone to contract these diseases because we have the control and care of the species or breeds that are more susceptible to these diseases and those that are not so prone to contract these diseases. Nowadays we are so advanced that special machines can be used to extirpate or remove any type of cancer, therefore, even for this type of procedure, it is necessary to invest a lot in the care of the animals, since in the end it is another member of the family.

LINKOGRAFIA

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