



UNIVERSIDAD DEL SURESTE

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Degree:

Bachelor's Degree in Veterinary Medicine and Zootechnics

Quarter:

1st "A"

Subject:

English 1

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Activity no. 3:

Cancer in pet animals

Due Date:

Saturday, November 2, 2024

Cancer in pet animals



What are neoplasia, tumors and cancer?

Neoplasia is the uncontrolled, abnormal growth of cells or tissues in the body, and the abnormal growth itself is called a neoplasm or tumor. It can be benign or malignant. Benign neoplasms do not grow aggressively, do not invade the surrounding body tissues, and do not spread throughout the body. Malignant neoplasms, on the other hand, tend to grow rapidly, invade the tissues around them and spread or metastasize to other parts of the body.

The word "tumor" or "mass" is often used to describe the actual swelling or other physical appearance of a neoplasm. The word "cancer" is often confused with neoplasia, but only malignant neoplasms are truly cancers.

How common are neoplasia and cancer?

Neoplasia is common in pet animals and the incidence increases with age. Cancer accounts for almost half of the deaths of pets over 10 years of age. Dogs get cancer at roughly the same rate as humans, while cats get fewer cancers.

Is neoplasia preventable?

Unfortunately, the cause of most neoplastic diseases is not known and, therefore, prevention is difficult. Early detection and treatment are the best ways to manage neoplasia in pets.

Common types of neoplasia in pets

- Skin
- Mammary Gland (Breast)
- Head & Neck
- Lymphoma
- Testicles
- Abdominal Neoplasia
- Bone

How is cancer treated?

Each type of neoplasia requires individual care and may include one or a combination of treatment therapies such as surgery, chemotherapy, radiation, cryosurgery (freezing), hyperthermia (heating) or immunotherapy. Some types of neoplasia can be cured, but other types can only be managed to decrease spread and prolong your pet's comfort and life as much as possible. How early a neoplasm is detected and the type of neoplasm are often the biggest

What is the success rate?

This strongly depends upon the type and extent of the neoplasia, as well as the aggressiveness of therapy. Benign neoplasms are usually easier to treat, and treatment of any type of neoplasia is more likely to be successful if the neoplasms are detected early.

What will happen in the future?

Each day, more is being learnt about neoplasia through research and experience. Animals today have a better chance of being successfully treated for neoplasia and cancer than they did before, and the more we learn about it, the more pets' lives we can improve and save. New diagnostic methods can help detect neoplasia earlier and improve your pet's chances, and new treatment methods are being developed to provide better success rates with less risk of side effects.

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