



**GLOBAL NEWS**

**Combatting cancer: Nationwide unveils research to help in fight against veterinary cancer<sup>1</sup>**

DVM360, November 11<sup>th</sup> 2021



As part of National Pet Cancer Awareness Month in November, Nationwide is engaging claims data to offer unique analyses and pledging support for pet cancer research. Nationwide recently released a report that analyzed claims data representing more than 1.5 million dogs over a six-year period, and it is sharing those findings with the rest of the industry. Among Nationwide's top 10 most popular purebred breeds, the boxer was 161% more likely to report cancer, while

the chihuahua was 47% less likely.

The most common locations of cancer were found to be: skin, lymph, spleen, bone, liver.

Research and data play vital roles in the early detection aspect of cancer. The signs of cancer in pets can be vague, and can also be shared by other diseases, but having more information about cancer prevalence rates and what types of cancer are likely to occur can be key to an early diagnosis, and that can mean access to more treatment options and better outcomes. It is advised that veterinarians should pay particular attention to weight loss, major changes in appetite or thirst, and changes in energy level of their patients.

**Study**

**DIAGNOSIS AND MANAGEMENT OF CHOLECYSTITIS IN DOGS**

(International Journal of Agricultural Sciences and Veterinary Medicine)

Cholecystitis is a disease of the gallbladder characterized by infections, idiopathic inflammation or urolith obstruction, which is commonly caused by bacteria ascending from the intestines via the common bile duct or by hematogenous route. A male Labrador retriever of 8 years presented with the signs anorexia, persistent vomiting since a couple of weeks and going down in condition was ultrasonographically diagnosed for cholecystitis. Dull and depression with poor physical condition, moderate dehydration, icterus were the significant clinical signs. Leukocytosis with neutrophilia and elevated ALP, serum bilirubin but with normal ALT, BUN and creatinine were the hemato-biochemical findings. Ultrasonographic examination of liver parenchyma showed normal echogenecity, but the gall bladder wall was symmetrically thickened and filled with sludge which appeared as uniform echogenic sediment. Treatment with antibiotic enrofloxacin, 10 mg/kg, bid for 14 days, ursodeoxycholic acid 5mg/kg, bid, tricholine citrate and sorbitol, orally for two weeks along with metaclopramide, ranitidine and DNS for 3 days showed complete recovery.

**Vivaldis Corner**

Vivaldis launches Ursopet, Ursodeoxycholic acid 300mg, for hepatobiliary conditions in companion animals.

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Vivaldis Health & Foods Pvt. Ltd.

Office No. 803/804, Clover Hills Plaza, NIBM Road, Pune- 411048, Maharashtra, India.

Help-line No.: +91 7767922244 | Email : info@vivaldis.co.in | Website : www.vivaldis.co.in

1. <https://rb.gy/4sokk7> | 2. <https://rb.gy/lciuxo>

**New RVC research reveals dog breeds with folded ears more likely to suffer from blood blisters of the ear<sup>2</sup>**

Vet Compass, November 9<sup>th</sup> 2021



Aural haematoma, also known as a 'blood blister of the ear', is a distressing condition for dogs where the ear flaps fill with bloody fluid. The study, led by the RVC's VetCompass Programme, is the largest ever study to use anonymised veterinary health records to explore aural haematoma in dogs. After

following the clinical records of 905,554 dogs for a one-year period, the researchers identified that 0.25% (2,249 dogs) were affected by the disease.

**Key findings from the study include:**

- Fourteen breeds showed an increased risk of ear aural haematoma compared with crossbred dogs
- The breeds with the highest risk included Bull Terrier, Saint Bernard, French Bulldog, Irish Staffordshire Bull Terrier and English Bull Terrier
- Twenty breeds showed a reduced risk of ear aural haematoma compared with crossbred dogs. The breeds with the lowest risk included Greyhound Chihuahua, Miniature Dachshund and Pomeranian
- Compared with breeds with erect ear carriage, breeds with V-shaped drop ear carriage had 2.0 times the risk of ear aural haematoma and breeds with semi-erect ear carriage had 1.6 times the risk. Conversely, breeds with pendulous ear carriage had reduced risk
- Increasing body weight was associated with an increased risk of ear aural haematoma, with dogs  $\geq$  40kg at 8.5 times the risk compared with dogs < 10kg
- Dogs aged 10 to 12 years were at the greatest risk of ear aural haematoma compared with dogs under 1 year

This new research from the RVC aims to improve awareness of both the frequency of aural haematoma in dogs and generate new insights into which breeds, and ear types are most susceptible.

**URSOPET**



**Dosage:** 15 mg/kg/day

**Presentation:** Each box contains 10 strips of 10 tablets