

## STUDY IDENTIFIES KEY RISK FACTORS FOR GINGIVITIS IN CATS

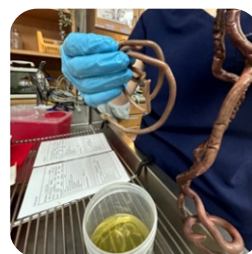
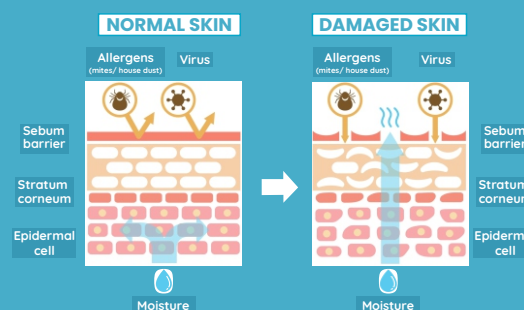
A study in the Journal of Small Animal Practice found that gingivitis risk increases in cats fed wet diets, orange-coated cats, non-hunters, and dribblers at six months. Using data from 860 cats up to six years old, the study showed gingivitis prevalence rose with age, from 24.5% in cats under 12 months to 56.3% in those aged five to six years. Key risk factors include diet, hunting behavior, dribbling, and coat color, while sex was not a factor. Lead author Jess Williams emphasizes the importance of early dental health monitoring for at-risk cats.<sup>1</sup>



## DITCH THE ITCH: 'MANAGING CANINE ATOPIC DERMATITIS

Frequent itching and paw chewing are common complaints from dog owners, often caused by canine atopic dermatitis (CAD), a chronic inflammatory disease. Effective management involves reducing pruritis with antipruritic agents and treating secondary infections, repairing the skin barrier with ceramides, lipids, ophytrium, sphingolipids, and essential fatty acids, and using collars with sphingomyelin-rich sphingolipids. Topical therapies and dietary management with PUFAs and antioxidants also play crucial roles. CAD requires a multimodal, lifelong approach tailored to each dog to improve their quality of life.

Key pathophysiological changes in canine atopic dermatitis (CAD).<sup>7</sup> Skin barrier disruptions are present in CAD, even in non-lesional skin. Impairment of the skin barrier may enable the uptake of allergens, irritants, and microbes.<sup>2</sup>



## GIANT KIDNEY WORMS FOUND IN DOG DURING ROUTINE SPAY-NEUTER SURGERY

During a routine spay-neuter surgery in South Carolina, a veterinary team discovered six giant kidney worms (*Diectophyme renale*) in a hound dog named Twiggy. Lucy Fuller, DVM, chief veterinary officer at Charleston Animal Society, plans to write a case study on this rare finding. The worms were successfully removed, and Twiggy is now recovering and enjoying the outdoors at the shelter.<sup>3</sup>

## NEW CANINE CANCER VACCINE COMPLETES CLINICAL TRIAL

Calviri has completed the Vaccine Against Canine Cancer Study (VACCS), which involved 804 dogs and showed promising safety and efficacy results for its preventive cancer vaccine. Developed after 15 years of preclinical work, the vaccine targets unique protein fragments from tumor RNA processing errors. While the primary efficacy data is still under analysis, production of an improved version has begun. The 5-year clinical trial, funded by a \$6.4 million grant, took place at three universities and aimed to extend cancer prevention research to human medicine.<sup>4</sup>



Vivaldis proudly participated in the Indian Congress for Veterinary Dermatology III, held from 7th to 9th June 2024 at Novotel Goa, introducing EFA PET, an advanced Omega-3 supplement. The event featured expert insights on Symmetrical and Canine Inflammatory Alopecia.



VIVALDIS CORNER



## CAT EXPO INDIA

Bark Out Loud enjoyed participating in the Cat Expo on June 23, 2024, at CIDCO Exhibition Centre, Vashi, featuring over 13 cat breeds and hosted by the Feline Club of India. It was a great chance to connect with fellow cat enthusiasts!

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