

RCVS Knowledge launches first of its kind veterinary surgical registry¹

Vetpol, July 29th 2021

A first of its kind in veterinary medicine, the Canine Cruciate Registry has been launched by veterinary charity RCVS Knowledge. The Canine Cruciate Registry is a free, anonymised, data collection audit tool that will enable vets to share information on techniques & procedures to continuously improve patient care. RCVS Knowledge will collect data from both vets & dog owners on patients recovering from cruciate surgery to identify which procedures & techniques give the best outcomes & have the fewest complications.

INDUSTRY NEWS

- The Animal Welfare Board of India (AWBI) issues advisory to states & UTs to ban caging of aerial birds
- Dhriti Banerjee has become the first woman to be appointed as director of the Zoological Survey of India (ZSI) in 100 years
- Past WSAVA President Receives Honorary Doctorate from the RVC
- Next Gen Pharma plans to acquire firm, to foray into animal health
- Mixlab raises \$20 million to enhance the pet health experience

Signs, causes, prognosis & treatments for FLUTD²

Vet Times, August 2nd 2021



FLUTD is a term used to encompass a number of conditions that affect the bladder & urethra. FLUTD typically affects one per cent of cats & is characterised by clinical signs of cystitis & is most common in young & middle-

aged cats. Several important medical causes of FLUTD exist, but idiopathic FLUTD – also known as feline idiopathic cystitis (FIC) – is the most common by far. Other causes include urolithiasis, urethral plugs, urinary tract infections & neoplasia. The best outcome is achieved through confirming the precise diagnosis so that appropriate management strategies can be implemented. All cats with lower urinary tract disorders likely benefit from increasing their water intake, access to an "optimal" toileting facility & strategies to reduce stress in the home.

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Composition: Each 2 ml contains

Omega-3	572mg (400.4mg EPA)
Nucleotides (Nucleoforce)	300mg
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Dose: 15kg- 1/week, 15kg- 2/week



Composition:
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Atosporin

Dose: 5mg/kg BW once a day



Composition:
Cyclosporine50mg,
100mg

STUDY

Non-controlled, open-label clinical trial to assess the effectiveness of a dietetic food on pruritus & dermatologic scoring in atopic dogs

(BMV Veterinary Research, June 2019)

The goal of this study was to evaluate food designed to improve skin barrier function & lower inflammation to reduce pruritus & clinical severity in client-owned atopic dogs. A number of studies demonstrate that oral supplementation with polyunsaturated fatty acids (PUFA) improves pruritus & can lower the dosages of glucocorticoids & cyclosporine needed to control clinical signs. Additionally, a diet supplemented with the omega-3 fatty acids eicosapentanoic acid (EPA) & docosahexanoic acid (DHA) significantly lowers IL-1 & IL-6 activities & serum PG-E2 concentrations. The intracellular lipid lamella of the stratum corneum (SC) is important for maintaining normal skin barrier function. The non-lesional skin of dogs with AD has reduced thickness & continuity of this lamellar layer. More specifically, lower ceramide levels have been demonstrated within the SC of AD dogs compared to normal controls. Oral supplementation of PUFAs appears to mitigate these structural changes. Vitamin E is another potent anti-oxidant that is particularly important for preventing lipid peroxidation. **This uncontrolled, open-label clinical trial thus demonstrates that significant clinical improvement as assessed by both pet owners & veterinarians can be achieved by feeding a diet designed to support skin barrier function, while also reducing inflammation & oxidative damage.**

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