



VIVALDIS V
Animal Health

petsmile

EDITION- 153



NEW HOPE FOR DOGS WITH KIDNEY DISEASE: PARICALCITOL SHOWS PROMISE

A Breakthrough in Canine CKD Care

- Chronic kidney disease (CKD) is one of the most common and challenging conditions in older dogs, often leading to complications such as secondary hyperparathyroidism and progressive protein loss. Traditional treatments provide only partial relief, but new research is opening doors to more targeted therapies.

Key Findings

- **Lower PTH Levels:** Dogs receiving paricalcitol showed a marked reduction in PTH, helping control mineral imbalances linked to CKD.
- **Stabilized Proteinuria:** Unlike the placebo group, treated dogs maintained stable protein levels, suggesting a protective effect on the kidneys.
- **Safety Profile:** Some dogs developed mild hypercalcemia, but this was managed with dosage adjustments. An increase in FGF-23 levels was also observed, indicating areas for further study.



Phos-clear



CANINE COGNITIVE DYSFUNCTION: PREVALENCE & TREATMENT

Treatment

Management of CCD is multimodal, combining diet, medication, and lifestyle measures. Nutritional supplements such as antioxidants, docosahexaenoic acid (DHA), flavonoids, and medium-chain triglycerides (MCTs) improve cognition by reducing oxidative stress and providing alternative brain energy, while S-adenosylmethionine (SAME) enhances activity and awareness. Among drugs, Selegiline is the only FDA-approved option, improving signs in most dogs, especially disorientation and sleep cycle issues; other agents like nicergoline, cholinesterase inhibitors, calcium regulators, and senolytic drugs also show benefits. Newer approaches include cell therapy with skin-derived neuoprecursors, which has even reversed symptoms in some cases, and experimental peptides like RD2 that target amyloid. In addition, regular physical activity is strongly protective, with inactive dogs shown to be several times more likely to develop CCD.

Canine cognitive dysfunction (CCD) is a common neurodegenerative disease in older dogs, similar to human Alzheimer's disease. It presents with disorientation, social changes, sleep-wake disturbances, house soiling, altered activity, and anxiety.

Prevalence

The condition becomes more frequent with age, affecting 8.1% of dogs aged 8–11 years, 18.8% at 11–13 years, 45.3% at 13–15 years, and as high as 67.3% at 15–17 years. Despite these high numbers, many cases remain undiagnosed in early stages due to subtle or misattributed symptoms.



ALZER

OZEMPIC-LIKE IMPLANT MAY HELP DOGS & CATS FIGHT OBESITY

Obesity is now one of the most common health issues in pets, affecting nearly 60% of dogs and cats in the U.S. and close to half of pets in the U.K. Carrying extra weight increases the risk of diabetes, arthritis, heart disease, and can shorten a pet's lifespan.

A new long-acting implant is being developed to tackle this problem, inspired by the success of human weight-loss medications. The implant works by slowly releasing a GLP-1 agonist—a drug that reduces appetite, slows digestion, and helps control constant begging for food. This approach makes portion control easier for owners and promotes steady, sustainable weight loss.

Early trials in cats have shown promising results, with most pets achieving at least 5% body weight reduction within three months. Trials in dogs are ongoing, and the treatment could be available within the next few years. Unlike daily pills or injections, the implant provides continuous support for several months with a single placement, making it a convenient option for both pets and owners.

Veterinarians emphasize, however, that this treatment should support—not replace—diet and exercise. Regular activity and balanced feeding remain essential for long-term health. As with any medication, close veterinary monitoring will be important to ensure safe and effective use.

WEIGHT REDUCTION
VETERINARY DIET

OBEX





This festive season, we wanted to make celebrations extra special for our furry friends too. That's why we created the Festive Gift Box for Dogs and Cats, a thoughtful mix of treats and goodies that bring joy to every wag and purr.

To spread the festive cheer, we teamed up with Indian actress Shreya Dhanwanthary, who believes that no celebration is complete without pets by our side. After all, it's their festival too, and they deserve to be a part of the love, laughter, and togetherness of the season.



INDEPENDENCE DAY CELEBRATION AT VIVALDIS HO

This Independence Day, Team Vivaldis came together not just to mark the occasion, but to live it. Dressed in the spirit of the tricolour, we paired up, armed with a handful of materials & unleashed our imagination to create photo booths that captured the rich heritage of India. From vibrant colours to intricate details, both the booths were a tribute to our culture and a testament to what happens when teamwork meets creativity. Here's to freedom, innovation, and the spirit of India.

