

MEDICAL MANAGEMENT OF CANINE UPPER AIRWAY DISEASES

The importance of accurate diagnosis and individualized treatment plans for effective management of canine upper airway diseases.

Brachycephalic Obstructive Airway Syndrome (BOAS): BOAS affects brachycephalic breeds like Bulldogs, Pugs, and French Bulldogs due to anatomical abnormalities such as stenotic nares and elongated soft palates. Management includes lifestyle modifications, weight control, and surgical interventions like soft palate resection or stenotic nares correction.

Laryngeal Paralysis: Common in older, large-breed dogs, laryngeal paralysis leads to airway obstruction. Initial management involves sedation, oxygen therapy, and corticosteroids. Definitive treatment often requires surgical procedures like arytenoid lateralization.

Tracheal Collapse: Predominantly seen in small breeds, tracheal collapse is managed medically with cough suppressants, anti-inflammatories, and bronchodilators. Severe cases may necessitate surgical interventions such as tracheal stenting.

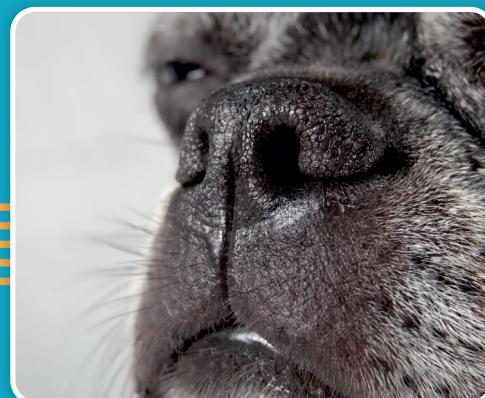
Nasal and Nasopharyngeal Disorders: Conditions like rhinitis, neoplasia, or foreign bodies require targeted treatments: antibiotics for bacterial infections, antifungals for fungal infections, or surgical removal for tumors or foreign objects.

Emergency Stabilization: In acute respiratory distress, immediate measures include sedation, oxygen supplementation, corticosteroids, and, if necessary, airway interventions like intubation or tracheostomy.

GLOBAL NEWS



For Relief from Respiratory Disorders



TWO NEW SINGLE DOSE COMBINATIONS TREATMENT OF OTITIS APPROVED BY USFDA

The U.S. Food and Drug Administration (FDA) has approved a new single-dose, in-clinic treatment for canine otitis externa. This medication is the first FDA-approved one-dose treatment specifically labeled for infections caused by *Pseudomonas aeruginosa*, as well as *Staphylococcus pseudintermedius* and *Malassezia pachydermatis*.

It combines three active ingredients: gentamicin (an antibiotic), posaconazole (an antifungal), and mometasone furoate (a corticosteroid). This formulation addresses the bacterial and fungal components of otitis externa while reducing inflammation. The medication is administered by veterinary professionals in a single dose, eliminating the need for at-home treatments and ensuring accurate dosing.

Another drug combination of marbofloxacin, terbinafine, and dexamethasone otic suspension was also approved earlier this month. This too will be a single dose combination to be administered by a veterinarian for otitis externa patients.

Otitis externa is a common condition in dogs, characterized by inflammation of the external ear canal, leading to symptoms like redness, swelling, pain, odor, head shaking, and discharge. If left untreated, it can result in chronic pain, hearing loss, and recurrent infections. The introduction of this combination provides veterinarians with a convenient and effective option to manage this condition, particularly beneficial for pet owners who may find daily at-home treatments challenging.

GLOBAL NEWS



UNDERSTANDING CANINE INTERVERTEBRAL DISC DISEASE

Intervertebral Disc Disease (IVDD) in dogs occurs when intervertebral discs bulge or rupture, leading to spinal cord compression. This condition can result in symptoms ranging from pain and mobility issues to severe neurological deficits and paralysis.

Affected Breeds: While IVDD can affect dogs of any breed or age, chondrodystrophic breeds—those with short limbs and long backs—are at higher risk. These include dachshunds, French bulldogs, beagles, shih tzus, cocker spaniels, pugs, basset hounds, and bichon frises. The increased risk in these breeds is associated with the expression of FGF4 retrogenes on chromosome 12. However, nonchondrodystrophic breeds such as German shepherds, Labrador retrievers, dalmatians, and Bernese Mountain dogs can also be affected.

Symptoms: Clinical signs of IVDD vary depending on the severity and location of the disc herniation. They can include back pain, difficulty walking, weakness, and in severe cases, paralysis. The disease can significantly impact the quality of life for both the dog and its owner.

Treatment and Prognosis: Both surgical and medical management options are available for IVDD. The choice of treatment depends on the severity of the condition. Survival rates are high with appropriate treatment; however, IVDD can have lasting effects on a dog's quality of life.

Early recognition and appropriate management of IVDD improves outcomes and helps maintain the quality of life for affected dogs.

"We understand the vital role gut health plays in pets' overall well-being, particularly during dietary changes," Mark Lotsch, president of global health & wellness at ADM, said in a report.² "Insights from this study will open new doors for creating innovative pet food solutions that enhance digestive health and nutritional balance."



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Vivaldis Cat Expo India 2025

Team Vivaldis was proud to participate as an Associate Sponsor at the Feline Club of India's Cat Expo India 2025, held on 25th May 2025 at the CIDCO Exhibition Centre, Vashi, Navi Mumbai. The event brought together feline enthusiasts from across the country and turned out to be a spectacular celebration of all things cats.

With over 11,000 visitors, 200+ cats, and 13+ breeds showcased, the expo was a vibrant convergence of pet parents, breeders, and pet care brands. We took this opportunity to highlight our comprehensive range of cat-centric offerings — including Premium and Essentials Food, Treats, Grooming products, and Supplements designed to support feline health and well-being.

Our stall wasn't just about products — it was an immersive and interactive space designed to engage visitors in delightful ways. From the Spin the Wheel activity, where pet parents won personality-based badge-cum-fridge magnets, to a fun-filled digital game that offered exciting coupon codes, there was something for everyone. A charming photo booth added to the experience, allowing visitors to take home instant printed memories with their furry companions.

The response we received was nothing short of heartwarming. The enthusiasm, the conversations, and the love shared by cat parents affirmed our commitment to creating innovative, science-backed solutions for pet care.

We are grateful for the opportunity to connect with such a passionate community and celebrate the bond between pets and their parents.



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