

## Aerosol Treatments and your Dog



The **AeroDawg**\* CAC was developed by Trudell Medical International to be used along with a *puffer* to deliver aerosol medication to your dog.

The primary treatment of chronic bronchitis is based on controlling the airway inflammation<sup>1,2</sup>. Aerosol medications delivered by MDIs or *puffers* have been used to treat human respiratory conditions since the 1960s. Because canine respiratory diseases imitate human conditions, they can be treated in a similar way. However, because typical *puffers* deliver a dose at over 60 miles per hour, effective delivery of the medication to dogs without an aerosol chamber is very difficult.

When the **AeroDawg**\* CAC is attached to the *puffer* it allows your dog to breathe normally and inhale the aerosol medication so that the medication goes deep into your dogs lungs where it is needed. Without the **AeroDawg**\* CAC chamber, your dog may not receive the benefit of the medication as the majority of it will be trapped in its mouth or throat.



Trudell Medical International

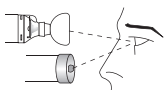
Trudell Medical International develops and manufactures pharmaceutical aerosol drug delivery devices for both human and animal health applications. We are dedicated to providing unsurpassed quality products for the management of respiratory diseases.

To learn more about aerosol science, visit our website at

[www.aerodawg.co.uk](http://www.aerodawg.co.uk)

## Easy to Use Instructions:

For complete instructions, please see the package insert.



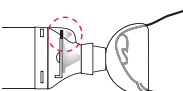
Look for foreign objects, and ensure all components are intact.



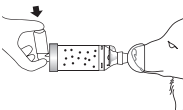
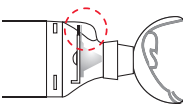
Remove cap from *puffer*.



Insert *puffer* into the back of the **AeroDawg**\* CAC and shake.



Gently apply mask to muzzle and ensure an effective seal. As the dog inhales, the **Flow-Vu**\* indicator should flutter or move toward the dog. If your dog experiences anxiety, speak to your veterinarian for advice. The **Flow-Vu**\* indicator will return to the vertical position when your dog stops inhalation or exhales.



Depress the *puffer* and hold mask in place for 3-5 breaths. Maintain an effective seal and use the **Flow-Vu**\* indicator to assist in breath counting. Ensure the veterinarian's dosage instructions are followed and that only one puff of medication is delivered at a time.



Follow instructions supplied with *puffer* regarding the amount of time to wait before repeating instructions 3-5 as prescribed.

**AeroDawg**\*  
Canine Aerosol Chamber

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Trudell Medical International

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<sup>1</sup> Padrić PA. "Diagnosis and Therapy of Canine Chronic Bronchitis". In: Bonagura, JD, Kirk RW eds, Kirk's Current Veterinary Therapy XII. Saunders Co Philadelphia 1995. pp 908-915

<sup>2</sup> McKiernan BC. "Diagnosis and Treatment of Canine Chronic Bronchitis". In: Padrić PA ed. Vet Clin N Amer 2000. Saunders Co Phila PA pp 1267-1279

<sup>3</sup> Newman S. "Deposition and Effects of Inhalation Aerosols". Lund, Sweden; AB Draco; 1983, 13-22

AEROSOL DRUG DELIVERY

for

CANINE CHRONIC  
BRONCHITIS



**AeroDawg**\*  
Canine Aerosol Chamber

[www.aerodawg.co.uk](http://www.aerodawg.co.uk)

## Does your dog suffer from Chronic Bronchitis?

Chronic bronchitis in dogs is caused by inflammation of the airways, resulting in chronic cough and exercise intolerance. Common signs of chronic bronchitis include daily coughing, gagging or swallowing after the cough, difficulty breathing or wheezing for a duration of 2-3 months or longer.

Chronic bronchitis is one of the most common respiratory diseases in dogs<sup>1,2</sup>, but is difficult to diagnose because it can mimic many other diseases. Dogs that experience chronic bronchial inflammation are often sensitive to environmental and household allergens.



### The **Flow-Vu**\* indicator on the **AeroDawg**\* CAC

**Flow-Vu**\* indicator gives you peace of mind in knowing your dog is receiving the medication they need. The **Flow-Vu**\* indicator on the **AeroDawg**\* CAC will help you count the number of breaths your dog has taken through the chamber and ensure that there is a satisfactory seal, both of which help ensure the delivery of the aerosol medication to the deepest part of your dog's lungs.

When the **Flow-Vu**\* indicator flutters or moves toward your dog, the dog is inhaling – this is when you should press the inhaler. When the inhalation stops, the **Flow-Vu**\* indicator returns to the vertical position. This increased control will help you better manage your dog's respiratory condition.



- Easy to use and to clean
- Reduce the risk of side-effects associated with pills, injections or syrup
- Unique, shatterproof, anti-static polymer body ensures the *puffer* medication is delivered deep into your dog's lungs
- Two mask sizes to accommodate all breeds and sizes of dogs
- Exhalation valve directs the flow away from your dog to prevent irritation



### How can I purchase the **AeroDawg**\* CAC?

Many veterinarians carry the **AeroDawg**\* CAC in their clinic, but you may also purchase it through our website ([www.aerodawg.co.uk](http://www.aerodawg.co.uk)). Please speak with your dog's veterinarian before purchasing to ensure the **AeroDawg**\* CAC is suitable for your dog's condition.



### How does the **AeroDawg**\* CAC work?

The **AeroDawg**\* CAC holds the *puffer* medication in the chamber allowing your dog to inhale using multiple breaths. In addition, the chamber separates the coarse aerosol particles (which tend to deposit in the nose and mouth) so the finer, more beneficial particles are delivered deep into the lungs where they are needed.



### What medications can I use with the **AeroDawg**\* CAC?

The **AeroDawg**\* CAC is designed for use with Metered Dose Inhalers (MDIs) or *puffers* as prescribed by your veterinarian.



### Why would I use this over traditional oral steroids?

Tapering oral steroids over a two week program and moving to the inhaled steroids may offer a reduction in medication, providing cost effective therapy and likely reducing side-effects. Inhaled corticosteroids are the most effective drugs available to treat dogs with chronic bronchitis and should be considered the mainstay of chronic therapy.



### Is there a reason why my dog could not use the **AeroDawg**\* CAC?

Although relatively new, we are not aware of any reasons that the **AeroDawg**\* CAC would not provide therapy for canine chronic bronchitis, unless there are contraindications with specific drugs. The principle behind the **AeroDawg**\* CAC is based on aerosol (*puffer*) drug delivery currently used in humans, horses and cats. The product should only be used if recommended by a veterinarian.