Aerosol Drug Delivery for Canine Chronic Bronchitis

The AeroDawg* Canine Aerosol Chamber (CAC) is designed to be used along with a Metered Dose Inhaler (MDI) to deliver aerosol medication to dogs with respiratory diseases such as chronic bronchitis, laryngeal paralysis or tracheal collapse.

Aerosol medications delivered by MDIs 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, typical puffers deliver a dose at over 60 miles per hour, so effective delivery of the medication to dogs without an aerosol chamber is not practical.

**Flow-Vu* Indicator** moves with respiration allowing owner to count breaths, ensure there is a secure seal and coordinate actuation of the MDI with inhalation.

**Easy to use and to clean**

**Reduces the risk of side effects** associated with pills, injections and syrups.

**Unique, shatterproof, anti-static chamber** ensures consistent medication delivery deep into the dog’s airways.

**3 mask sizes** accommodate all breeds and sizes of dogs.

**Exhalation Valve** directs the flow away from the dog’s face to prevent irritation.

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Now with Flow-Vu* Inspiratory Flow Indicator.

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AeroDawg Canine Aerosol Chamber

www.aerodawg.com
Inhaled corticosteroids are the first line of defense in the treatment of canine respiratory disease. They help to control airway inflammation and prevent reoccurrences.

Inhaled bronchodilators may be used as needed for dogs already on daily steroids if they are experiencing increased cough, wheeze or increased respiratory rate and effort at rest.

### Inhaled Corticosteroids

<table>
<thead>
<tr>
<th>Medication</th>
<th>Dosage</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Flovent† HFA Metered Dose Inhaler (Fluticasone Propionate)</td>
<td>Dogs &lt;20kg: 1 actuation – 110 µg (125 µg in Canada) twice daily with AeroDawg* CAC. Dogs &gt;20kg: 1 actuation – 220 µg (250 µg in Canada) twice daily with AeroDawg* CAC. This treatment is usually required on a daily basis to minimize symptoms and airway inflammation that is the cause of the chronic symptoms. The Flovent† HFA canister typically holds enough drug for 120 actuations. This is sufficient to treat one patient for two months when the administered dose is 1 puff BID.</td>
<td>Since inhaled corticosteroids take 7 to 10 days to reach full effect, dogs who are newly diagnosed with respiratory diseases may be given oral corticosteroids at the same time Flovent† HFA is initiated, and over the next 2 to 3 weeks, oral drug administration may be tapered off. Dogs that are currently on oral corticosteroids should be weaned off their oral medication over a 2 to 3 week period once the Flovent† HFA treatment is started.</td>
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### Inhaled Bronchodilators

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<tr>
<td>Albuterol Metered Dose Inhaler</td>
<td>If required, use once daily prior to administering Flovent† HFA or as needed for acute coughing and wheezing. In emergencies, albuterol can often be used q 30 minutes for up to 4 to 6 hours without serious side effects.</td>
<td>Provides rapid relaxation of bronchoconstriction (usually within 1 to 5 minutes).</td>
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Note: This page contains a list of MDI medications and some selected information about each MDI medication, that have been used with the AeroDawg* CAC. Trudell Medical International does not endorse the use of any specific MDI medications.