The AeroHippus® Equine Aerosol Chamber is designed to deliver Metered Dose Inhaler (puffer) medication to horses with equine respiratory diseases such as Inflammatory Airway Disease or Recurrent Airway Obstruction.

The use of inhaled medication provides targeted delivery of medication to the lungs and reduces the side effects seen when treated with systemic medications. Therapeutic effect can often be achieved with only a fraction of the dose required for systemic delivery of the same drug.

**Flow-Vu** Inhalation Indicator

The Flow-Vu® Indicator moves with inhalation and allows the caregiver to coordinate actuation with inhalation, count breaths taken and ensure a proper mask seal.

**One Size Fits All**

From foals to warmbloods

**High Lung Deposition**

Radiolabelled studies show a mean lung deposition of 18.2%. High deposition may result in fewer doses required for medication to be effective and for potential cost savings.

**Small and Durable**

**Easy to Use and Clean**

Anti-static Chamber

Holds the medication allowing the horse more time to inhale

**Universal Backpiece**

Can be used with all commonly prescribed Metered Dose Inhalers (Note: not designed for use with Dry Powder Inhalers)
1. Remove cap and shake inhaler
2. Insert inhaler into back of chamber and gently apply the mask over one nostril. Do NOT cover the other nostril as this will make it harder for the horse to breathe normally
3. Press the inhaler to release the medication when the *Flow-Vu* Inhalation Indicator is moving toward the horse. Hold the mask in place for 3–5 breaths. Only administer one puff at a time. Wait 30 seconds between puffs.

### Metered Dose Inhaler Treatment

<table>
<thead>
<tr>
<th>BROCHODILATORS</th>
<th>DRUG</th>
<th>STRENGTH</th>
<th>DOSE (PUFFS/500 KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Open air passages and provide immediate relief of bronchoconstriction</td>
<td><strong>Salbutamol</strong> (Ventolin™ Evohaler™)</td>
<td>100 µg</td>
<td>5-10 puffs as required. Effective within minutes but duration of their effect is only 1–2 hours.</td>
</tr>
<tr>
<td>• Rescue medication for use as needed, but not routinely</td>
<td>• Short Acting Beta-2-Agonist</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Treatment with bronchodilators prior to exercise may improve performance and allow better distribution of anti-inflammatory MDIs but will not contribute to resolving the inflammatory condition when used alone</td>
<td><strong>Ipratropium Bromide</strong> (Atrovent™)</td>
<td>20 µg</td>
<td>5-10 puffs as required. May take an hour for beneficial effect</td>
</tr>
<tr>
<td>• Anti-cholinergics dilate primarily the larger airways and beta-2-agonists are more effective in the peripheral airways</td>
<td>• Anti-Cholinergic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CORTICOSTEROIDS</th>
<th>DRUG</th>
<th>STRENGTH</th>
<th>DOSE (PUFFS/500 KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Help control airway inflammation and prevent reoccurrences</td>
<td><strong>Fluticasone Propionate</strong> (Flixotide™ Evohaler™)</td>
<td>250 µg</td>
<td>9 puffs twice daily for 2 weeks then once daily for 1 week and eventually on alternate days if necessary</td>
</tr>
<tr>
<td>• Each Metered Dose Inhaler contains 120 puffs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

- Wait 2 breaths between each actuation
- Although a number of additional corticosteroid drugs have been produced for inhaled administration, fluticasone is preferred, because it is the most potent and has the longest half-life
- Some of the newer Metered Dose Inhalers include dose indicators. If not, owners are encouraged to keep track of puffs.

---


---

**NOTES:**

- Wait 2 breaths between each actuation
- Although a number of additional corticosteroid drugs have been produced for inhaled administration, fluticasone is preferred, because it is the most potent and has the longest half-life
- Some of the newer Metered Dose Inhalers include dose indicators. If not, owners are encouraged to keep track of puffs.