

NEW

Correct inhalation (technique) is one of the keystones of successful asthma management³

Better inhalation technique.
Better compliance.
Better outcome.¹



NOW WITH
Flow-Vu*
Inspiratory
Flow
Indicator



AeroChamber 
Plus with **Flow-Vu***

Valved Holding Chamber

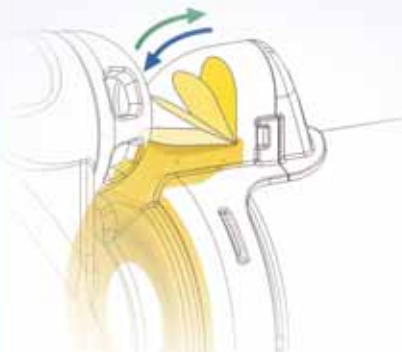
Mistakes in metered dose aerosol technique leads to suboptimal deposition and therapeutic effect.²



The most common mistakes are:

- Not exhaling before inhalation
- Not coordinating actuation with inhalation
- Breathing too quickly, too shallowly or through the nose
- Incomplete inhalation and/or not holding the breath after inhalation

An Important Advancement in VHC Technology



The **Flow-Vu*** Inspiratory Flow Indicator

Exclusive **Flow-Vu*** Inspiratory Flow Indicator (IFI) provides assurance that inhalation is performed correctly and allows caregivers to:

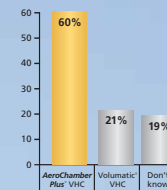
- Count patient breaths
- Ensure a satisfactory seal
- Coordinate actuation with inhalation

Devices should be easy to use and incorporate multiple feedback mechanisms which reassure the patient that medication has been delivered.⁴

Patient Preferred

Patients prefer to use **AeroChamber Plus*** VHC over Volumatic[†].⁵

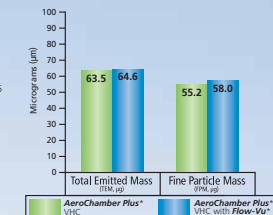
The results of a study conducted in the UK among asthma sufferers and parents of children with asthma.



Equivalent Performance

Expect the same aerosol performance with **AeroChamber Plus*** VHC with **Flow-Vu*** IFI.⁶

Compared to **AeroChamber Plus*** VHC using Ventolin[†] HFA (albuterol sulfate HFA inhalation aerosol).



MOST RECOMMENDED VHC

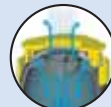
FROM THE MAKERS OF THE MOST RECOMMENDED LINE OF VALVED HOLDING CHAMBERS IN THE WORLD

EZ Flow Exhalation Valve

Offers lower resistance to exhaled flow and directs the flow away from the patient to prevent irritation, and prevent contamination resulting from exhaling into the chamber.

Flow Dynamic Design

Increases suspension time for particles



Aerodynamic Holding Chamber

Allows aerosol to mature to its smallest possible particle size, decreasing oral deposition of these particles which may cause systemic side effects

Universal Backpiece

pMDI Adaptor can be used with all commonly prescribed pMDIs

FLOWSignal* Whistle (on Mouthpiece and Large Mask Products)

Provides feedback when the patient is inhaling too rapidly

Silicone **ComfortSeal*** Mask

Anatomical design forms to fit all faces comfortably to minimize dead space for consistent aerosol delivery

Lower resistance Baffle-Valve system on child/infant mask products

Thinner, low resistance valve, requires less effort to open by patients with low volumes and high respiratory rates as often seen in children



The only full line of Valved Holding Chambers



Product Order Information		Infant Mask 0 - 18 months	Child Mask 1 - 5 years	Mouthpiece 5 years +	Large Mask 5 years +
Case Quantity	10 Units	10152191010	10152091010	10151991010	10152291010
	50 Units	N/A	N/A	10151991050	10152291050
	80 Units	10152191080	10152091080	N/A	N/A
	120 Units	N/A	N/A	10151991120	N/A



Trudell Medical International[†]

Since 1922, Trudell Medical has established a history of innovation developing ground-breaking new products that enhance aerosol drug delivery while improving the quality of life for Asthma and Chronic Obstructive Pulmonary Disease patients worldwide.

TMI offers a wide range of aerosol delivery devices ranging from its flagship **AeroChamber**[®] brand of Valved Holding Chamber (VHC) line of products to custom-designed devices and systems for the global pharmaceutical industry.

TMI products are supported by over 300 *in vivo* and *in vitro* peer-reviewed articles published and recognized in journals such as the New England Journal of Medicine, Journal of Pediatrics, Lancet, Archives of Childhood Diseases, Pediatric Pulmonology and CHEST.

TMI is registered to the ISO 13485:2003 Standard, which is specific for medical device manufacturers. In addition, **AeroChamber Plus**[®] VHC with **Flow-Vu**[®] IFI is manufactured in an ISO Class 8 Cleanroom Manufacturing Environment, at our facilities in London, Ontario, Canada. **AeroChamber Plus**[®] VHC with **Flow-Vu**[®] IFI is CE marked, in accordance with the European Medical Devices Directive 93/42/EEC for this Class 1 Medical Device.

"We are committed to continuous improvement, innovation and excellence by design."

M. Rickard, Vice President and General Manager, Trudell Medical International

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REGISTERED
ISO 13485
QUALITY SYSTEM



ISO CLASS 8
CLEANROOM MANUFACTURING

¹ Crompton GK, Barnes PJ, Broeders M, Corrigan C, Corbetta L, Dekhuijzen R, Dubus JC, Magnan A, Massone F, Sanchis J, Viejo JL, Voshaar T. The need to improve inhalation technique in Europe: A report from the Aerosol Drug Management Improvement Team. *Respiratory Medicine* 2006; 100: 1479-1494.

² P. Barnes, J.C. Virchow, J. Sanchis, T. Welte and S. Pedersen. Asthma management: important issues. *European Respiratory Review*, Volume 14, Number 57: 147-151.

³ Pedersen S, Frost L, Arnfred T. Errors in inhalation technique and efficiency in inhaler use in asthmatic children. *Allergy* 1986; 41: 116-124.

⁴ Barnes, op. cit., p. 148.

⁵ NOP Healthcare, UK, March 2000.

⁶ TMI Aerosol Lab. Data on File. Measurements using Ventolin[®] - HFA (100 µg/inhalation HFA albuterol).

Easy to Use... Easy to Learn... **Most Preferred**⁵.

AeroChamber[®]
Plus with **Flow-Vu**[®]
Valved Holding Chamber