



## NEWS from Trudell Medical International\*

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### Choose your patients' inhaler carefully...



Patient compliance and technique is the cornerstone of any asthma or COPD treatment program. The Aerosol Drug Management Improvement Team (ADMIT) recently released recommendations for inhaler selection, comparing a variety of devices and their use within various patient populations.<sup>1</sup> The right device for your patient needs to be established to ensure they receive consistent and safe dosing, sufficient drug deposition and clinical effect.

Pressurized Metered Dose Inhalers (pMDIs) and Dry Powder Inhalers (DPIs) are the most commonly used devices for drug delivery to asthma and COPD patients worldwide.<sup>1</sup> Each device has its own limitation and requires the patient to use proper technique to ensure proper drug delivery. One of the main reasons patients receive incomplete benefit from their inhaled medication is because they are unable to use their inhalers correctly.

A recent systematic literature review revealed that up to 90% of patients did not use their DPI correctly – with the most commonly prescribed DPI having an 80% patient failure rate.<sup>1</sup> One of the major concerns about this type of delivery system is the lack of feedback to the patient to reinforce proper inhaler technique. One of the recommendations put forth by the ADMIT team was for patients to have a single type of inhaler where possible, which is often not possible with DPIs since each device is activated differently.

The use of a pMDI with a Valved Holding Chamber (VHC) may improve the clinical effect of inhaled medication since they filter out the larger particles that can be deposited in the mouth and throat – also reducing side effects like throat irritation, dysphonia and oral candidiasis.<sup>1</sup>

The **AeroChamber Plus\*** VHC with **Flow-Vu\*** Indicator is one way healthcare providers and caregivers can be assured that inhalation is being performed correctly. Moving in unison with the patient's inspiratory maneuver, the **Flow-Vu\*** Indicator helps to count the number of breaths taken through the chamber, ensure a satisfactory seal and coordinate actuation with inhalation.

By removing the potential for mistakes, the **AeroChamber\*** Brand of VHCs may help to ensure consistent and safe dosing, sufficient drug deposition and clinical effectiveness. With devices that cover all patient age ranges, including the new, **AC Girlz\*** and **AC Boyz\*** Chambers for patients ready to transition from a mask to mouthpiece device, they are the right choice for your patients.

<sup>1</sup> Lavorini F, Corbetta L. *Achieving asthma control: the key role of inhalers*. *Breathe* (2008); 5(2):121 – 131 on behalf of the Aerosol Drug Management Improvement Team (ADMIT)

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**AeroChamber**  
*Plus* with **Flow-Vu**  
 Valved Holding Chamber