



NEWS from Trudell Medical International

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Evaluating the use of **AeroChamber MAX[®]** VHC with Infants

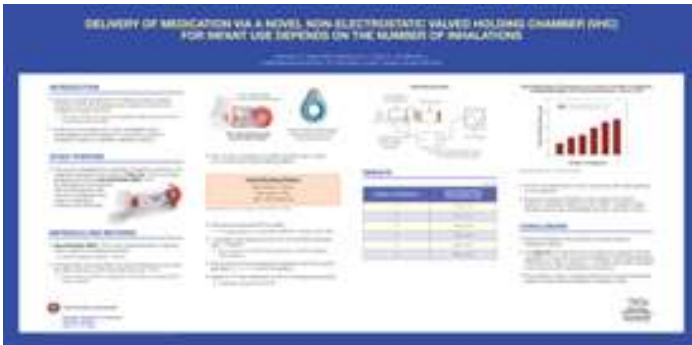
A research poster presented at the Canadian Respiratory Conference held in Montréal, Québec on June 19 – 21, 2008, studied the use of Valved Holding Chambers (VHCs) with infants.

The study focused primarily on the evaluation of a visual feedback mechanism that would help Healthcare Professionals confirm that inhalation had taken place. This feature is vital to ensure optimal medication delivery as more than one inhalation may be required to empty the VHC in these low tidal volume patients.

Each VHC was connected to a breathing simulator set to mimic infant breathing patterns. The **AeroChamber MAX[®]** VHC (198 mL), required several inhalations to evacuate the chamber.¹ For infants, the

Flow-Vu[™] Indicator is an important feature, as it allows the caregiver to confirm the number of inhalations that have taken place.

The **Flow-Vu[™]** Indicator, found only on the **AeroChamber MAX[®]** VHC, moves in synchrony with the opening of the valve in response to the patients' inspiratory effort. This allows Healthcare Professionals and caregivers to confirm a good face/mask seal and count the number of inhalations that have taken place, thereby optimizing the therapeutic dose.



¹ Delivery of Medication via a Novel Non-Electrostatic Valved Holding Chamber (VHC) for Infant Use Depends on the Number of Inhalations, CRC Poster, Howard Harkness