

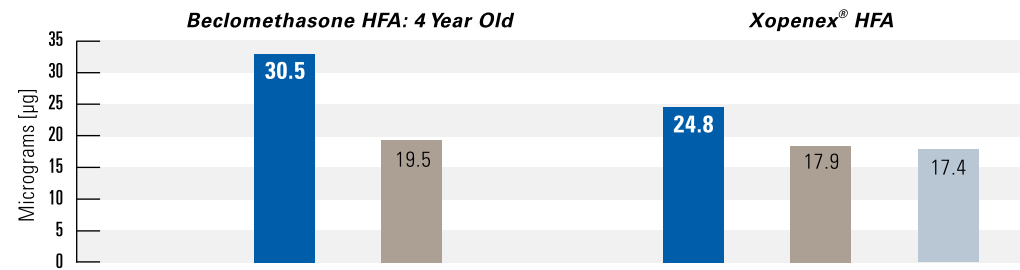
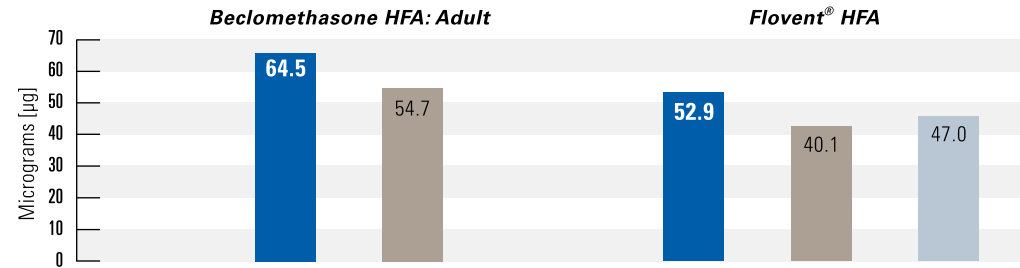
The Difference is in the Delivery

■ VORTEX ■ Aerochamber® Plus ■ MDI Alone

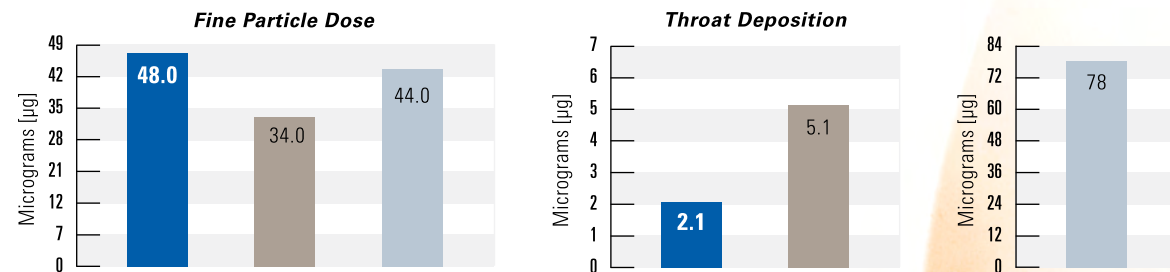
VORTEX[®]
Non Electrostatic Valved Holding Chamber



INHALED DOSE DELIVERY^{1&3}



FINE PARTICLE DOSE AND THROAT DEPOSITION⁴



Vortex®: Higher FPD and lower throat deposition reduces the chance of systemic side effects and delivers more medication to the lungs.

¹Zuberhuhler P, et al. In vitro testing of new non-electrostatic holding chamber with hydrofluoralkane salbutamol and beclomethasone inhalers. CHEST 2002; 122:185S.

²Wildhaber JH, et al. Effects of electrostatic charge, flow delay and multiple actuations on the in vitro delivery of salbutamol from different small volume spacers for infants. Thorax 1996; 51:985-988.

³Source: Aerosol Research Laboratory of Alberta. Report on Mouth-Throat Deposition Measurements with the Vortex Holding Chamber. April 2008.

⁴L. Bakuridze, et al. Are There Differences in Throat Deposition Using Variable Valved Holding Chambers?. European Respiratory Society Annual Congress 2006, Poster No. 1083.

⁵All registered marks and trademarks belong to their respective companies.

VORTEX[®]
Non Electrostatic Valved Holding Chamber

From the leader in clinically proven aerosol delivery



The PARI Vortex®
patented one-way
duckbill valve†

- Opens and closes with minimal inspiratory effort
- Ideal for patients with low tidal volume
- Latex Free



†Patent Number: 7562656

WHY VORTEX®?



“ Vortex® is very easy to use & clean – no priming or dipping in detergent and it is dishwasher safe! ”



“ I prescribe the Vortex® for my patients because it helps deliver more medication directly to the lungs and is compatible with all major brands of HFA propelled MDIs. ”



“ The interchangeable character masks are perfect for my growing daughter, and they make treatments fun! ”

Interchangeable Masks for Vortex®



BABY WHIRL™ (ages 1-2 years)



SPINNER™ (ages 3+)



ADULT MASK

The PARI Vortex® is an affordable valved holding chamber that minimizes the technique and coordination needed for effective inhaler treatments. Designed with non-electrostatic technology, Vortex® delivers 56% more respirable particles compared to traditional plastic holding chambers and spacers.¹ Now patients of all ages are assured a more efficient and consistent medication dose from their MDI, resulting in optimal treatments and a better quality of life.²

Configuration	Part #	NDC #	HCPCS #
Vortex® Valved Holding Chamber	051F5000	83490-0510-01	A4627
Vortex® with Baby Whirl™	051F5100	83490-0510-02	A4627
Vortex® with Spinner™	051F5200	83490-0510-03	A4627
Vortex® Hospital Package (qty 50)	051H5400	83490-0510-05	A4627
Baby Whirl™ Mask	044F7245	83490-0440-52	A7015
Spinner™ Mask	044F7246	83490-0440-55	A7015
Adult Mask	044F7247	83490-0440-61	A7015