STUDY SHOWS HOSPITAL ER TREATMENT TIMES CAN BE REDUCED BY UP TO 90%¹

In 2005, the British Guidelines on Asthma Management recommended the use of pressurized Metered Dose Inhalers (pMDIs) + spacer in place of current nebulizer treatments for patients presenting with non-life-threatening asthma.² A number of studies have shown that the use of pMDI + spacer produce outcomes at least equivalent to nebulizer therapy, and suggest a trend toward fewer side effects and less time in the emergency department.³

In preparing to monitor the implementation of a new pMDI + spacer hospital protocol, researchers discovered that 94% of emergency departments were still using nebulizer treatments for the majority of their adult patients. In an effort to improve efficiency in emergency departments, a time and motion study was conducted by observing nurses administering bronchodilators – first with nebulizers, then with pMDI + spacer.

Based on a number of criteria, the AeroChamber Plus* Valved Holding Chamber (VHC) was selected as the chamber of choice for the conversion. The small volume AeroChamber Plus* VHC is easy to use with all commonly prescribed pMDIs.

The results of the time and motion study showed treatment and set-up times were almost 90% lower with the pMDI + AeroChamber Plus* VHC than with the nebulizer. In addition, over the course of 20 treatments the pMDI + AeroChamber Plus* VHC was 70% less expensive than the nebulizer.

Using the AeroChamber Plus* VHC instead of a nebulizer in a hospital department can result in reduced treatment and set-up times and significantly lower costs. Additional features like the Flow-Vu* Indicator allows healthcare professionals or caregivers to confirm a good seal and count the number of inhalations that have taken place, thereby optimizing the therapeutic dose.

AeroChamber Plus* VHCs are anatomically designed to meet the needs of every patient population – from pediatrics to the elderly. The devices are easy to use and provide caregivers with peace of mind that medication has been delivered effectively. For more information about AeroChamber* Brand of VHC and other innovative new products, please visit our website.