

## **Age and Size Parameters for Patient Selection**

Because patients vary in size with age, no specific age represents a cut-off for safety and efficacy. In order to achieve effective treatment, the SmartVest<sup>®</sup> garment must fit snugly enough to transfer the air pulses to the chest. If the patient is a child, or very small, the physician will often try the system with the individual to assure the SmartVest<sup>®</sup> garment fits comfortably and that High Frequency Chest Wall Oscillation (HFCWO) treatment is well tolerated. Small children generally adapt very readily to HFCWO, and caregivers of current SmartVest<sup>®</sup> users report better cooperation from small children who have not previously tolerated or cooperated with manual Chest Physiotherapy (CPT).

Two garment styles are available with the SmartVest<sup>®</sup> Airway Clearance System – the SmartVest<sup>®</sup> and the SmartVest Wrap<sup>®</sup>.

The SmartVest<sup>®</sup> has the appearance of a vest. It is constructed of an inner bladder with a soft, breathable fabric shell and Velcro<sup>®1</sup>-type closures. The SmartVest<sup>®</sup>, available in 8 different sizes (Children S-Small to Adult XL), is designed to accommodate a wide range of patients with chest circumferences ranging from 15" (41cm) to 52" (132cm). A SmartVest<sup>®</sup> Extender is available for those using an adult size SmartVest<sup>®</sup> and requiring additional chest circumference but no additional height. This accessory provides an additional 14" (36cm) of chest coverage. Fit for the SmartVest<sup>®</sup> is determined by a patient's height, weight, and chest circumference.

For patients finding it difficult to fit or apply the standard SmartVest<sup>®</sup>, the SmartVest Wrap<sup>®</sup> is available in 6 sizes (S-Small to XXL) with chest circumferences ranging from 17" (43cm) to 66" (168cm). Fit for SmartVest Wrap<sup>®</sup> is based on the patient's chest circumference at the broadest point.

Please refer to the SmartVest<sup>®</sup> Sizing Guide for additional sizing information.

---

<sup>1</sup> Velcro<sup>®</sup> is a registered trademark of Velcro Industries B.V.