



Age and Size Parameters For Patient Selection

The SmartVest[®] Airway Clearance System has been cleared to market by the FDA with eight vest sizes from Child S-Small to Adult Extra Large. Patients who fit these sizes are appropriate candidates for the SmartVest[®] System. These vests are designed to fit small patients with chest measurements from approximately 16" to large, barrel-chested adults up to 68" (with vest extender).

The Child S-Small vest will fit toddlers with a chest size of approximately 16". Because children vary in size with age, no specific age represents a "cut-off" for safety and efficacy. In order to achieve effective treatment the vest must fit snugly enough to transfer the pulses to the chest. If the child is very small, it is appropriate for the physician to try the system on the child to assure the vest fits comfortably and that High Frequency Chest Wall Oscillation (HFCWO) treatment is tolerated. In general, small children adapt very readily to HFCWO, and in fact, will often enjoy the treatment. Caregivers of current SmartVest[®] users report better cooperation from small children who have not previously tolerated or cooperated with chest physical therapy.

The Adult Extra Large vest fits larger patients with a chest measurement of up to 68". As with small patients, very large patients should try the SmartVest[®] System with an Extra Large vest to assure appropriate fit.

The referral form has spaces for patient height and weight. Please provide this information to allow us to deliver the appropriate vest size to your patient.