The Respond G5 Percussor has been designed and manufactured to allow home-care patients the opportunity to produce segmental bronchial drainage for themselves by means of self application - quietly, safely, comfortably. The unit is designed to be used in the home as well as in hospital/clinical environments and are effective in loosening and helping to mobilize bronchial secretions. For best performance and proper usage practices, please read this operating manual thoroughly. This manual is applicable for all Respond G5 Percussor models.

Included with the Respond G5 Percussor are the following components:

- Vibration applicator
- Percussion (cupping) applicator
- Soft foam applicator
- 6 Applicator covers
- Operating manual

CAUTION:
Always unplug immediately after use. Do not fall asleep while using the Respond G5. Use of the Respond G5 by children or debilitated persons should be supervised by an adult or medical professional. Do not immerse in any liquid. Do not subject the unit to extreme temperature conditions (below freezing, placement on radiators, etc).

CARE AND MAINTENANCE:
The Respond G5 Percussor requires no mechanical maintenance or lubrication. Upon receipt of your unit, properly inspect for possible shipping damage. At no time should the machine be dismantled for repair. If the machine does not function properly, contact your Home Care Provider or seller for warranty procedures. The plastic motor housing and the applicator handle can be cleaned with normal household spray cleanser. Never immerse any part of the Respond G5 Percussor in any liquid. The velcro belt is machine washable.

INDICATIONS FOR USE:
The Respond G5 Percussor is designed as a mechanical adjunct for use in segmental bronchial drainage procedures. Mechanical Directional Stroking Percussion is consistently effective and is a time and cost-saver. With mechanical percussion, the last patient of the day receives the same treatment as the first.

Segmental bronchial drainage is indicated for individuals with:
- Increased production or increase viscosity of bronchial secretions
- Impairment in the normal functional removal of bronchial secretions
- Ineffective cough mechanism
- Weakness of respiratory muscle function

Accordingly, segmental bronchial drainage is indicated for individuals with:
- Cystic Fibrosis
- Bronchiectasis
- Atelectasis
- Asthma
- Chronic Bronchitis
- Bronchopulmonary Dysplasia

As a preventative technique, segmental bronchial drainage can benefit individuals with
- Predisposition toward increased production or increase viscosity of bronchial secretions
- Muscular weakness of the chest
- Shallow respiration due to chest weakness, chest pain or neuromuscular abnormality

CONTRA INDICATIONS:
Normal precautions should be observed in the use of the Respond G5 Percussor due to its deep vibratory and percussive penetration. Do NOT use:
- Over acute inflammation
- Over skin lesions
- Over the eyes
- Over the throat
- Acute severe episodes of bronchospasm
- Unrepaired tracheo-esophageal fistulae
- Left-heart failure or cor pulmonate
- Over hemorrhaging areas
- Over malignant lesions
- Over lung abscesses, pulmonary tuberculosis, pneumothorax & lung tumors
- Over varicose veins
- When the patient is hyper-sensitive to vibration
- Hypoxemia
- Dislodgement of foreign bodies
**POSTURAL DRAINAGE POSITIONING:**

**To drain the anterior (front) segment of your upper lobes:** Lie on your back on a flat surface. Place a Vari-Tilt adjustable positioning board under your waist. Apply the pad of your Respond G5 applicator directly on your chest, below your clavicles (collarbones). Reverse the location of the applicator for right-or-left side drainage. Be certain that the direction of the stroke (per the red arrow) is always pointing medially toward your sternum (breastbone).

**To drain the superior (upper) segment of your lower lobes:** Lie face down on a flat surface. Place a Vari-Tilt adjustable positioning board under your waist. Apply the pad of the Respond G5 and velcro belt and foam pad just below the lower tip of your scapula (shoulder blades). Reverse the direction of the applicator to either side of your spinal column, for right-or-left side drainage. Be certain the direction of the stroke is always pointing medially toward your spine.

**To drain the posterior (back) segment of your upper lobes:** Sit on the edge of a bed or chair. Lean forward at a 30 degree angle. Apply the applicator pad between scapula and clavicle (collarbones). Reverse the location of the applicator to either side of your spinal column for right-or-left side drainage. To self-apply, you can use the velcro belt/foam pad system or the applicator can simply be hand-held. Be certain that the direction of the stroke is always pointing toward your spine.

**To drain the lingular (middle) segment of your lungs:** To drain the middle lobe of your left lung, lie on your left side, elevate your legs and feet with pillows; your knees should be flexed. Apply the applicator pad over your left nipple area. To drain the middle lobe of your right lung, lie on your left side and use the same procedure. To self-apply, you can use the velcro belt/foam pad system or the applicator can be hand-held. Be certain the direction of the stroke is always pointing medially towards your sternum.

**In all cases:** Apply the cushioned face of the applicator on yourself at the locations listed above and hold in place for 1-1 1/2 minutes. Then, turn the machine off, inhale deeply and utilize a “huffing” or “coughing” procedure to bring up mucus for expectoration. After expectoration, move the applicator to the next bronchial segment and repeat the above procedure until all bronchial segments have been cleared. Note: a tilt-board such as the Vari-Tilt adjustable positioning board is recommended for most positions, to accommodate the full range of exact postural drainage incline positions.