The clear choice for airway clearance therapy

High frequency chest wall oscillation (HFCWO) therapy helps improve breathing and reduce lung infections and hospitalizations.4

The Philips InCourage system includes an inflatable vest, therapy unit and hoses to deliver HFCWO therapy. Different from other airway clearance therapy technologies, the InCourage device features active venting and triangle waveform.

How the InCourage system is different

**Active venting**
Designed to immediately release air in the vest in response to the user’s breath, so the vest feels less constricted, allowing a deeper inhale

**Triangle waveforms**
- Delivers a brief, intense, CPT-like thump on the chest that is designed to help thin mucus, aiding transport out of the airways5,6
- Shown to clear up to 20% more mucus than competing technologies5
- May be more comfortable because the duration of peak pressure is shorter than competitive sine wave technology5,6

**Why is a waveform important?**
A waveform represents how a repeated pattern varies with time.

The triangle waveform system does not feel as constricting because it creates a sharp peak-pulse pressure for short duration, while a sine wave has a curved pulse pressure.

**Philips InCourage device features:**
- Triangle waveform
- Active venting
- Most sizes available
- Lighter weight
- Appropriate for pediatric use
- Easy to clean
- Quickfit sizing

**Peak pressure: shorter duration for more comfort**
Immediate drop-off helps create the brief, high-impact peak vs. the rounded downturn of a sine wave

- Larger triangle wave amplitude (measure of the starting point to peak) and immediate drop-off delivers greater pulse pressure.
# Philips InCourage system: the difference is clear

<table>
<thead>
<tr>
<th>Features</th>
<th>Philips InCourage system</th>
<th>The Vest® System</th>
<th>The Monarch® System by Hill-Rom</th>
<th>SmartVest® Airway Clearance System by Electromed, Inc.</th>
<th>AffloVest® by International Biophysics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Induced air flow</td>
<td>High</td>
<td>High</td>
<td>Medium</td>
<td>High</td>
<td>Low</td>
</tr>
<tr>
<td>Delivery method</td>
<td>Pneumatic, full coverage dispersion, triangle waveform</td>
<td>Pneumatic, full coverage dispersion, sine waveform</td>
<td>Mechanical, local percussion</td>
<td>Pneumatic, full coverage dispersion, sine waveform</td>
<td>Mechanical, local vibration</td>
</tr>
<tr>
<td>Active venting</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>Covers therapeutic range and frequency</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Pause feature</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Vest</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vest sizes</td>
<td>23 Fits chest sizes 16-60”</td>
<td>8 Fits chest sizes 16-75”</td>
<td>1 Fits chest sizes 22-50”</td>
<td>8 Fits chest sizes 16-52”</td>
<td>7 Fits chest sizes 18-65”</td>
</tr>
<tr>
<td>Wearable weight based off vest fitting 52” chest size</td>
<td>1.8 lb</td>
<td>2.2 lb</td>
<td>13 lb</td>
<td>2.2 lb</td>
<td>5.12-9.35 lbs</td>
</tr>
<tr>
<td>Vest color options</td>
<td>9</td>
<td>6</td>
<td>5</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Quickfit tabs on vest</td>
<td>Yes</td>
<td>Adjust before each use</td>
<td>N/A</td>
<td>Adjust before each use</td>
<td>Adjust before each use</td>
</tr>
<tr>
<td>Vest hose connection</td>
<td>Locking</td>
<td>Slip fit</td>
<td>N/A</td>
<td>Slip fit</td>
<td>N/A</td>
</tr>
<tr>
<td>Machine wash and dry</td>
<td>No disassembly required. Entire vest is machine wash and dry.</td>
<td>Disassembly required. Only outer vest is machine wash and dry.</td>
<td>Disassembly required. Only outer shell is machine wash and dry.</td>
<td>Disassembly required. Only outer vest is machine wash. Hang dry only.</td>
<td>Surface clean only.</td>
</tr>
<tr>
<td>Customer support</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifetime original user warranty</td>
<td>Yes</td>
<td>Limited warranty</td>
<td>Limited warranty</td>
<td>Yes</td>
<td>Limited lifetime battery 5 years</td>
</tr>
</tbody>
</table>

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See individual manufacturer warranties for details.

Product available through Philips affiliate RespirTech, the manufacturer and distributor of the InCourage system. Contact RespirTech at www.respirtech.com

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www.philips.com/incourage-system

Caution: U.S. federal law restricts these devices to sale by or on the order of a physician.

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