



**TAKE MORE  
CONTROL OF  
YOUR LIFE**



**Hillrom™**

**Monarch®**  
Airway Clearance System

## BREATHE MORE FREELY

What if you had more time to do what you love, while still receiving the therapy you need? Imagine fitting more in your day, doing more of the things you love and taking more control of your life. The Monarch® Airway Clearance System's revolutionary mobile technology helps clear your lungs while letting you move about more freely.

## THE CONTROL TO DO ALL THAT NEEDS DOING

Do your hair. Do your work. Your therapy will get done too.



## THE CONTROL TO GO WHERE YOU WANT

Your Monarch® System gives you the freedom to move about your life.



## THE CONTROL TO DO MORE THAT MAKES YOU HAPPY

That's really what it's all about, right?



# MEET YOUR NEW MOBILE DEVICE

The Monarch® System uses Pulmonary Oscillating Discs (PODs) to generate oscillations and targeted kinetic energy to your lungs. This airway clearance therapy helps thin mucus and increase airflow, mobilizing secretions from the airways while you're going about your day. So you no longer have to put your life on hold for therapy.

- Sportswear-inspired design gives you freedom of mobility.
- Quiet operation allows easy conversation.<sup>1</sup>
- Pendant control simplifies system operation for you.
- Rechargeable battery conveniently powers your therapy.

Fit your style with these vest shell color and pattern options.



Pulmonary Oscillating Discs (PODs) deliver targeted kinetic energy to help clear your airways.

Rolling carry case with retractable handle and backpack straps looks and feels like premium luggage.

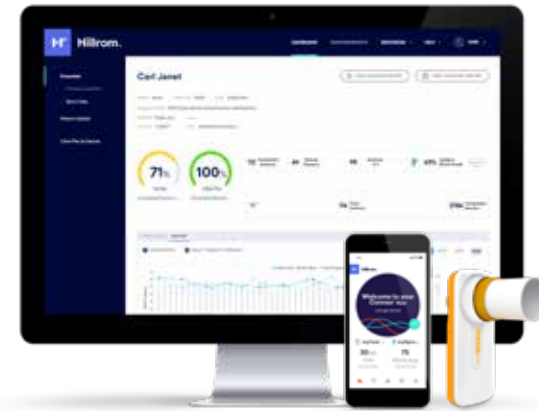


# CONNECTED IN CARE

You want to live your healthiest life every day. And you know the key to that is doing everything your doctor prescribes. But staying on top of it can be complicated. That's why we made the Hillrom™ Connex® App, so you and your care team have a clear picture of what's going on with your day-to-day therapy. Also, with the SmartOne® spirometer, you can see your lung function results over time along with your airway clearance therapy data.

The Smart One spirometer\* is available for purchase from Hillrom with no medical prescription required. To order the spirometer for \$99, contact Hillrom Customer Service (1-800-426-4224 or HCCSWeb@hillrom.com).

\* Smart One is intended for home use. The device is designed for children greater than five years of age, adolescent and adult subjects.



## Meet the mind behind the Monarch® System



Marten De Vlieger and his sister were both born with cystic fibrosis (CF). As they grew up, their mother had to manually perform chest physiotherapy (CPT) to them, to help clear their airways.

But Marten envisioned a life with more independence. He created a mobile therapeutic device to provide him with the airway clearance therapy he needed. It freed him to travel, to pursue his love of kite-surfing, to have adventures, and to raise his own family.

And when Marten told us that he wanted others to experience the flexibility and control he'd claimed for himself, we gladly partnered with him to develop the Monarch Airway Clearance System.

### INDICATIONS FOR USE<sup>2</sup>

The Monarch Airway Clearance System is intended to provide airway clearance therapy and promote bronchial drainage where external manipulation of the thorax is the physician's choice of treatment. It is indicated for patients having difficulty with secretion clearance, or the presence of atelectasis caused by mucus plugging.

The Monarch System is intended to be used in the Home Care environment by patients, 15 years and older.

### CONTRAINDICATIONS<sup>2</sup>

If any patient conditions exist that could cause the use of Monarch Airway Clearance System, Model 1000 to present a risk to the patient, do not use the unit except as directed by a physician. Death or serious injury could occur.

Monarch Airway Clearance System, Model 1000 is contraindicated if these conditions are present:

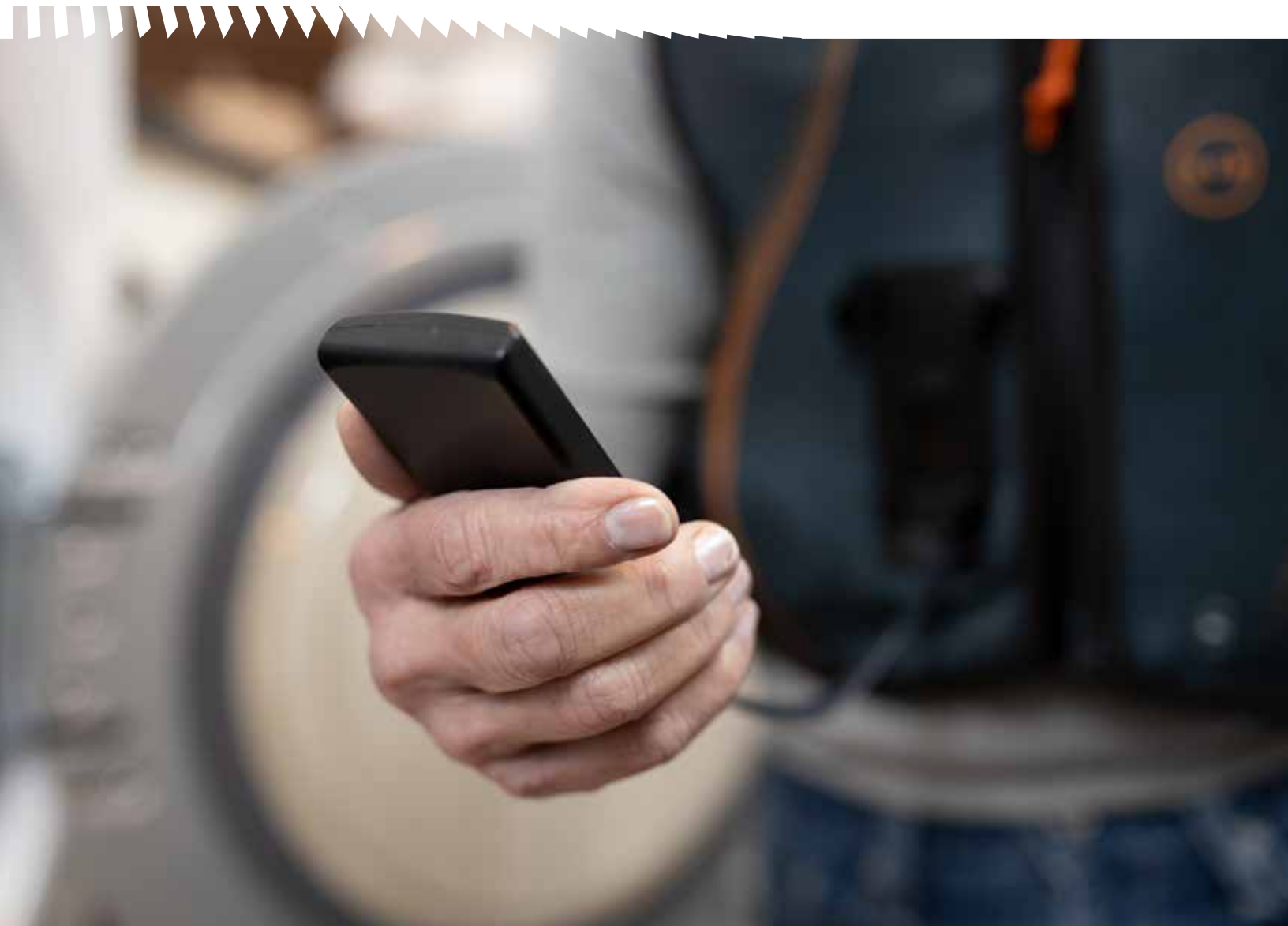
- Patients who have any of the following active implantable medical devices, due to the presence of the magnetic field created by the Monarch device, whether it is turned on or off:
  - Pacemakers
  - Neurostimulators
  - Infusion Pumps
  - Circulatory Support Devices
  - Implantable Cardioverter Defibrillators (ICDs)
  - Cochlear Implants
- Head and/or neck injury that has not yet been stabilized.
- Active hemorrhage with hemodynamic instability.

### WARNINGS<sup>2</sup>

The Monarch Airway Clearance System warnings include:

- Patients that may have difficulty clearing secretions from the upper airway (such as those with DMD or other advanced neuromuscular or neurological disorders) may require specialized therapy regimens involving manually or mechanically assisted coughing or other techniques in conjunction with Monarch Airway Clearance System.
- The Monarch System has been prescribed by your physician for your use only. No one else should ever try on your device, whether it is on or off. It should never be worn or used by someone with an active implantable medical device due to the presence of the magnetic field created by the Monarch Pulmonary Oscillating Discs (PODs).

For a complete list of Warnings refer to the Monarch System User Manual.



## ABOUT HILLROM

Hillrom is a global medical technology leader whose 10,000 employees have a single purpose: enhancing outcomes for patients and their caregivers by advancing connected care. Around the world, our innovations touch over 7 million patients each day. They help enable earlier diagnosis and treatment, optimize surgical efficiency and accelerate patient recovery while simplifying clinical communication and shifting care closer to home. We make these outcomes possible through connected smart beds, patient lifts, patient assessment and monitoring technologies, caregiver collaboration tools, respiratory care devices, advanced operating room equipment and more, delivering actionable, real-time insights at the point of care. **Learn more at [hillrom.com](https://www.hillrom.com).**



**Hillrom™**

For more information, please contact your Hillrom sales representative at 1-800-426-4224.

**[mymonarch.com](https://www.mymonarch.com)**

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### References

<sup>1</sup> Sound testing per International Standard IEC 60601-1, 3rd Edition at a distance of 30 cm. Sound testing results found the Monarch System operates at a level at or below that considered as a "normal conversation"; reference <https://www.nidcd.nih.gov/health/noise-induced-hearing-loss>.

<sup>2</sup> The Monarch Airway Clearance System Model 1000 User Manual (195292).

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