Clearing the Way for Bronchiectasis
Mobilizing Retained Pulmonary Secretions
Commonly Associated with Bronchiectasis
Bronchiectasis is a Challenge

Sometimes when you see COPD, chronic bronchitis, pneumonia, asthma or cystic fibrosis, you might also see bronchiectasis.

DEFINITION

Bronchiectasis, the condition where the lungs’ airways are abnormally stretched and scarred resulting in mucus retention, which can lead to serious health problems, including respiratory failure, atelectasis and heart failure.

Diagnosing Bronchiectasis

Patients with Bronchiectasis are confirmed by a standard CT scan.

The Impact of Bronchiectasis

More patients are suffering

Bronchiectasis can frequently occur in parallel with more common forms of chronic lung disease including COPD and asthma. Research on Bronchiectasis COPD Overlap Syndrome is emerging. The increased availability of computed tomography (CT) has shown that up to 50% of patients with Severe COPD will have co-existent Bronchiectasis.1,2

In a recent study, 92.7% (164 patients) of COPD patients with ≥2 exacerbations or at least 1 hospitalization/year had bronchiectasis.3

In 855 stable COPD patients, 362 patients had bronchiectasis.3

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87.9% (29 patients) on LABA/ICS with at least 1 pneumonia event belonged to the bronchiectatic group.3
Airway Clearance Therapies

Although there is no cure for bronchiectasis, early detection and treatment will allow patients to have a better quality of life and prevent further lung damage. Along with antibiotics and other appropriate medications, airway clearance therapies provide an effective, safe treatment. Improved outcomes have been seen using High Frequency Chest Wall Oscillation (HFCWO) in Bronchiectasis patients. Hill-Rom® Respiratory Care offers a number of Airway Clearance Therapies helping clear the way for your patients:

- **The Vest® Airway Clearance System** delivers High Frequency Chest Wall Oscillation (HFCWO) therapy and is designed to help patients mobilize retained secretions in the home and acute care settings.

- **The VisiVest® Airway Clearance System** provides the same proven therapy as The Vest® System, with the enhancement of Bluetooth® connectivity. Designed to motivate patients and increase therapy adherence which may lead to lower healthcare costs.

- **The Monarch® Airway Clearance System** with revolutionary new technology. The therapy combines mobility with targeted kinetic energy and airflow to thin and mobilize secretions within the airways. Includes WiFi or cellular connectivity to connect patients with their care team via the VisiView® Health Portal.

- **The MetaNeb® System** is a device that maximizes efficiency for patients and clinicians providing 3 therapies in 1 device by combining lung expansion, secretion clearance, and aerosol delivery into a single integrated therapy cycle. Available in acute and extended care facilities.

**Outcomes of Bronchiectasis Patients after using HFCWO**

| 57% ↓ | Fewer antibiotic prescriptions. |
| 60% ↓ | Decrease in emergency room visits. |
| 58% ↓ | Decrease in number of hospital visits. |
| 68% ↑ | Patients reported improved quality of life. |

**Solutions for COPD and Bronchiectasis Patients**

An episode of the Healthy Body, Healthy Mind series airing on the National Public Television Network (PBS).

You can also view **Solutions for COPD and Bronchiectasis Patients** and learn more about Bronchiectasis (BE) by visiting:

[www.LivingWithBE.com](http://www.LivingWithBE.com)
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186922 rev 5 05-OCT-2018 ENG – US

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