

PHILIPS

RESPIRONICS

VitaBreath

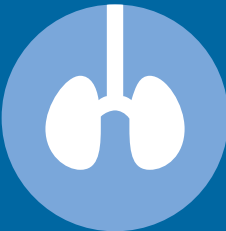


Helping your
COPD patients
remain active

COPD: A chronic condition to manage

Chronic Obstructive Pulmonary Disease (COPD) is a chronic disorder characterised by consistent airflow obstruction and is associated with persistent and progressive breathlessness, a chronic productive cough and limited exercise capacity.¹

The burden of COPD on the NHS



Prevalence
COPD makes up approximately 17% of the 15.4 million people in England with a long term condition.²



Severity
COPD remains the 5th most common cause of death in England and Wales.¹



Volume
COPD causes 115,000 emergency admissions per year, 24,000 deaths per year and 16,000 deaths within 90 days of admission.³



Burden on beds
One fifth (21%) of bed days used for respiratory disease treatment are due to COPD, accounting for more than one million beds each year in the UK.¹



Goals
Reducing Accident & Emergency attendance is a key driver for the NHS in England.



Trend
There has been a 22% rise in median emergency medical admissions since 2008, with COPD admissions rising by 13%.⁴



Symptoms
Shortness of breath is the chief complaint for approximately 8% of 999 calls to the ambulance service, and is the third most common emergency call.⁵



The goals of effective COPD management are to⁶:

-  Prevent disease progression
-  **Relieve symptoms**
-  **Improve exercise tolerance**
-  Improve health status
-  Prevent and treat complications
-  Prevent and treat exacerbations
-  Reduce mortality

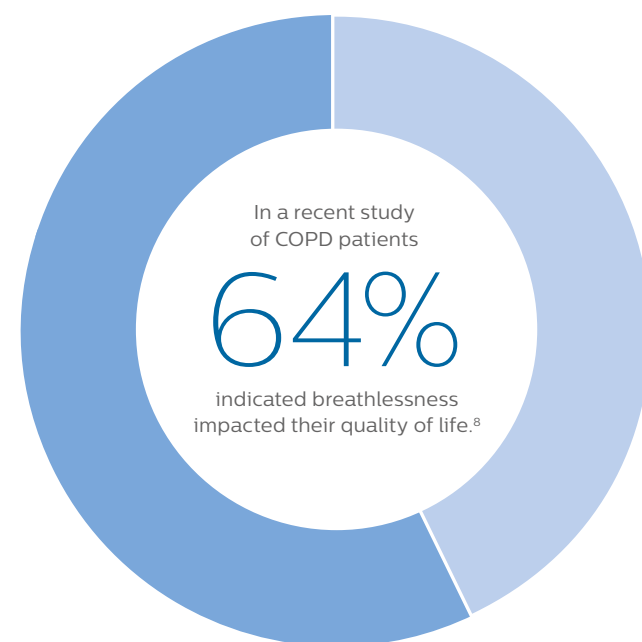
The World Health Organisation state that an effective management plan for COPD has four components:

1. Assess and monitor
2. Reduce risk factors
3. Manage exacerbations
4. **Manage stable COPD**
All patients with COPD benefit from exercise training programs, improving with respect to both exercise tolerance and symptoms of dyspnoea (breathlessness) and fatigue



Impact of breathlessness on a COPD patient's life

Breathlessness, along with the associated inability to engage in normal activity, is one of the primary and most distressing symptoms for patients with COPD.⁷



“Patients who regularly experience episodes of dyspnoea (breathlessness) require immediate relief”

Dr Robert Angus, Respiratory Consultant Physician
Aintree University Hospital

What is VitaBreath and what are the benefits?

VitaBreath is the first handheld bi-level pressure support that can help COPD patients recover more quickly from shortness of breath associated with physical exertion.⁹



How it works

Clinical studies show that bi-level pressure support reduces breathlessness and improves exercise performance in patients with moderate to severe COPD.

- Positive inspiratory pressure reduces the work of breathing
- Positive expiratory pressure keeps the airway open

VitaBreath reduces the severity of breathlessness for COPD patients when used either during or after daily activities, such as walking or climbing the stairs.





Keeping your patients active

VitaBreath helps your patients to manage their chronic shortness of breath whenever and wherever it happens – 7 days a week.

- Light enough to carry (0.5kg)
- Fits in a personal bag or coat pocket
- Up to 3 days of use between charges

VitaBreath is a non-pharmaceutical solution designed to complement existing COPD therapies, such as medication and pulmonary rehabilitation.

The benefits of VitaBreath

-  Just a single button and no adjustable settings means there's no set-up required by the clinician, carer or patient.
-  Intuitive design means minimal patient training is required and VitaBreath is easy to use when patients need it.
-  Automatically turns off after ten minutes of use to discourage patient reliance on VitaBreath.
-  Disposable filters enable multi-patient use in a clinical or pulmonary rehabilitation setting.

Contraindications of VitaBreath: Recent pneumothorax and recent barotrauma to the chest region

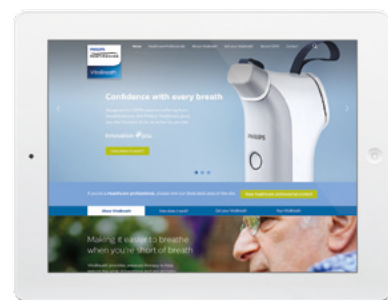
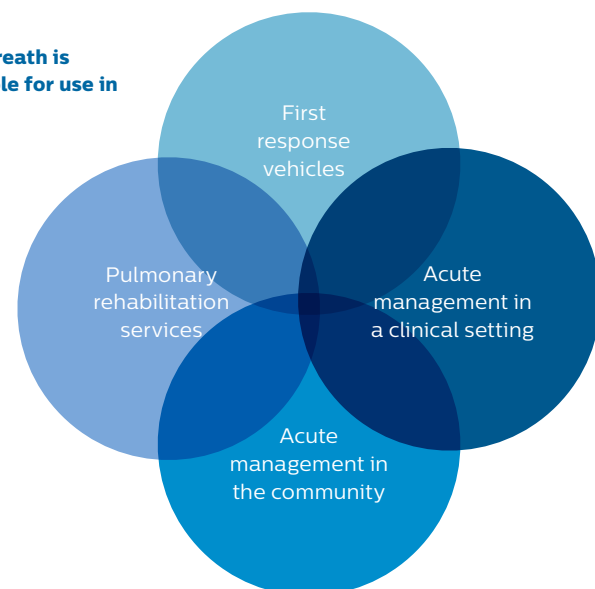
Where VitaBreath can fit in with your current COPD management

COPD patients who undertake an activity equivalent to walking 60 minutes a day halve their risk of being admitted as an emergency admission irrespective of their severity, nutritional status or respiratory rehabilitation.¹⁰

VitaBreath has been shown to help COPD patients who have been limited by breathlessness walk further.

Help to give your patients their confidence back whilst supporting the NHS self-care and prevention agenda. VitaBreath can be built into care packages for the management of shortness of breath at home or in a clinical setting, with the aim of reducing emergency calls and unplanned hospital admissions.

VitaBreath is suitable for use in



To arrange a demonstration of VitaBreath, please speak to your local Philips Respironics representative or call 0800 1300 845

Discover more about VitaBreath at philips.co.uk/vitabreath



VitaBreath supports your implementation of the COPD NICE Quality Standard

Supported discharge for COPD patients is essential. The Quality Standard quotes:

“People admitted to hospital with a flare-up of COPD are cared for by a respiratory team and are considered for a scheme involving a shorter stay in hospital with extra support at home.”

The cost of treating a patient with COPD

£502

DZ21A: length of stay 1 day or less, discharged home¹¹

£2729

DZ21F: with NIV without intubation with CC¹¹



References:

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