

Introducing RespiPep™ Innovative PEP (Positive Expiratory Pressure) Therapy Devices

PEP therapy is proven to enhance lung volume, reduce hyperinflation, improve oxygenation and aid in secretion removal.^{1, 2}



The Transformative Power of Positive Expiratory Pressure (PEP) therapy.

PEP therapy works by applying positive expiratory pressure during exhalation, helping to keep airways open to prevent collapse and promoting mucus clearance. This leads to better oxygenation, reduced hyperinflation and relief from breathlessness¹. This therapy addresses conditions like COPD, TB, bronchiectasis, cystic fibrosis and asthma. It is indicated for pre-operative lung rehabilitation and post-operative lung complications. Post-operative lung complications can affect patient outcomes, mortality rates, length of hospital stay and healthcare costs. By promoting regular airway clearance and lung hygiene, PEP therapy helps prevent and reduce the progression of lung complications, thereby reducing hospitalisation² and overall healthcare costs.

ALORA Medical, a pioneering MEDTECH company, integrates medical expertise with innovative technology to enhance lives across Southern Africa. It specialises in developing affordable and tested medical devices, e.g. RespiPEP, an innovative Positive Expiratory Pressure (PEP) therapy device.

The RespiPEP THERAFIZZ blow bottle PEP device is crafted from eco-friendly, ocean-safe, heat-resistant silicone that incorporates safety measures to prevent accidental water aspiration and choking while decreasing the risk of contamination. It offers adjustable positive expiratory pressure levels to empower patients and healthcare workers to tailor patient rehabilitation to individual needs. This device also features a one-way valve and has been tested for pressures at varying water levels to ensure efficacy and safety.

The RespiPEP Theravance is an oscillating PEP device that is compact and portable, equipped with a securing rope to enhance patient mobility and device accessibility for the individual. The RespiPEP Theravance has versatile respiratory options and features an adjustable expiratory resistance dial, which can be used alongside a nebuliser. This device is also ideal for patients who cannot sit upright and need respiratory therapy in a horizontal position. RespiPEP enhances the effectiveness of physiotherapy when used in combination therapy.

Both RespiPEP Therafizz and Theravance devices prioritise infection control and adhere to customised safety standards to ensure optimal patient safety and well-being. Their ease of use empowers patients to focus on self-care and adherence, thereby assisting them to lead fuller and more independent lives.

PEP therapy signifies a paradigm shift emphasising prevention, treatment, and patient self-care. Its versatility and customisation empower patients to take an active role in their therapy, fostering engagement and compliance for long-term success. By assisting with resilience against respiratory challenges, PEP therapy embodies hope for individuals facing respiratory adversity.

RespiPEP™: your sustainable choice for healthier lungs and a cleaner planet.

For more information, visit www.aloramed.co.za

Source:

1. Wiley: <https://onlinelibrary.wiley.com/doi/10.1002/pri.1823>
2. Sciencedirect: <https://www.sciencedirect.com/science/article/pii/S1836955314001611>