



MUCUS CLEARANCE AND LUNG EXPANSION DEVICE



AirPhysio can be used as a complementary treatment with medicine or a natural means of helping to treat:



ASTHMA • CYSTIC FIBROSIS • BRONCHIECTASIS COPD • ATELECTASIS • SEVERE RESPIRATORY CONDITIONS

WHAT IS AirPhysio?

AirPhysio is an Australian Made and Owned, International Award-winning medical device designed to assist with mucus clearance and lung expansion.

The device assists with maintaining optimal lung capacity and hygiene. AirPhysio is on the ARTG for Australia and EC for Europe for medical devices and has been validated by Griffith University.

A sports version is available for athletes who seek that additional advantage.



HOW DOES AirPhysio WORK?

AirPhysio uses an all-natural process called Oscillating Positive Expiratory Pressure which is a similar process to the cough mechanism. It combines the expanding diaphragm (from breathing out), along with a stainless steel ball bearing which creates a seal in a cone in the devise. This is similar to the closing of the vocal cords used in a cough mechanism for building pressure.

The difference is that the average cough only happens once every 2 seconds. AirPhysio creates a series of mini coughs 15 to 35 times per second. This expands and contracts the airway walls at a faster rate, helping to shake and loosen the mucus, creating a more efficient and effective method of expelling the mucus and foreign particles from the lungs.



Airway with a mucus plug



Resistance holds the airways open



Pulses help thin and loosen mucus while the airways are held open



PH/SIO

AirPhysio helps to break the infection cycle by helping to perform the following:

- Clear the contaminated mucus from the lungs.
- Get the mucociliary escalator functioning more effectively to reduce further infection.
- Improve lung capacity by assisting in removing blockages (like mucus plugs) and reinflating the lungs.



Vibration & positive pressure helps clear mucus naturally



PEP assists in maintaining airway clearance and bronchial hygiene



Prevents pulmonary complications after surgery



Reliable, handheld & portable



Use approx. 5-10 minutes, 1-2 times per day



Single patient Use

BREATHE EASIER



LIVE BETTER

WHICH AirPhysio is right for me?

The AirPhysio Device for SPORTS

The AirPhysio Sports Device is designed for people who are fit with healthy lungs, looking to improve lung function. AirPhysio helps to maintain optimal lung hygiene and lung capacity for optimal performance & faster recovery times.



The AirPhysio Device for AVERAGE LUNG CAPACITY

The AirPhysio Average Lung Capacity Device is designed for most teenagers and adults looking to improve their day-to-day breathing who don't have any severe lung conditions. This device has the potential to help slow down the progression and improve respiratory conditions like asthma, COPD, Bronchiectasis, cystic fibrosis, etc. Unless you have a severe lung condition or very low lung capacity, this version of AirPhysio is the recommended version for most people.



The AirPhysio Device for LOW LUNG CAPACITY

The AirPhysio Low Lung Capacity Device is designed for people with low lung capacity to assist in the management of asthma, COPD, Bronchiectasis and/or recovery of colds and flu. This version is also suitable for individuals with low lung capacity secondary to advanced age, respiratory muscle weakness or severe respiratory conditions.



The AirPhysio Device for CHILDREN

The AirPhysio Children Device is designed for children to assist in the management of asthma and/or recovery of colds and flu. The device assists in mucus clearance and lung expansion for children who have suffered from asthma flare-ups or a respiratory condition that has caused a residual build-up of mucus in their lungs, limiting their lung capacity, also called mucus dysfunction. Suitable for Children aged 3-15 years old.















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