BioSpect
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

Zydus launches drug-free, handheld device for better respiratory health

17 February 2026 | News

PEPAIR is being launched in agreement with Thane-based AeroDel Technology Innovations



Ahmedabad-based Zydus Lifesciences has launched PEPAIR™, India's first affordable Oscillating Positive Expiratory Pressure (OPEP) device featuring a 3-resistance system designed to help clear congestion and support effective mucous clearance and improve breathing in patients with COPD, Asthma, and Bronchiectasis.

PEPAIR™ is an innovative, drug-free, handheld device with patented design. More than 90 lakh patients suffer from these chronic respiratory conditions in India.

Chronic mucous hypersecretion is a common problem amongst these patients that requires an airway clearance solution for everyday care. PEPAIR™ is being launched in agreement with Thane-based AeroDel Technology Innovations, a medical device company focused on simplifying inhalation through drug-delivery, pulmonary rehabilitation. In a patient-centric approach, Zydus offers PEPAIR™ at an affordable cost of Rs 990 per unit.

OPEP is a therapy using a handheld, translucent device that creates pressure and vibrations during exhalation to loosen mucous, open airways, and promote clearance. PEPAIR™ contributes to clearing up impaired mucociliary pathways, removing airway obstruction, reducing cough and delivering optimal therapeutic response. OPEP-based airway clearance is recommended in established clinical guidance but in practice, limited affordability has restricted access for a large proportion of patients; an access gap PEPAIR™ aims to address.

Respiratory diseases are rising sharply in India due to a combination of extreme and persistent air pollution, climateâ??driven changes in allergens and ozone, rapid urbanisation, and delayed diagnosis of chronic lung conditions.