

## **Oscillating Positive Expiratory Pressure (Opep) Devices Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023-28)**

Market Report | 2023-01-23 | 110 pages | Mordor Intelligence

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### **Report description:**

The oscillating positive expiratory pressure (OPEP) devices market is expected to register a CAGR of 5.3% over the forecast period.

The increased number of cases of chronic pulmonary diseases with the outbreak of the pandemic has impacted the market. According to a study published by the ERJ in October 2021, patients with prior influenza were at higher risk of developing severe COVID-19 and had a higher mortality rate than patients without a history of respiratory illness. Similarly, per a study published by the National Center for Biotechnology Information (NCBI) in July 2021, chronic respiratory diseases were common among patients with COVID-19. Increasing cases of respiratory diseases in the initial days of the pandemic propelled the demand for oscillating positive expiratory pressure devices as it is used to clear mucus from the lungs of individuals with respiratory illnesses.

Although there was a sharp rise in demand for OPEP devices initially, it has now reduced greatly now that the pandemic has ended.

However, the OPEP devices market is expected to maintain growth over the forecast period owing to growing cases of other respiratory diseases such as pneumonia and asthma.

For instance, according to a study published by the NCBI in June 2021, chronic respiratory diseases contribute significantly to the national, regional, and global burden of disease. The study also reported that morbidity and mortality from such conditions are estimated to be high in low- and middle-income countries. Similarly, as per the report published by Lung India in December 2021, the prevalence rate of chronic obstructive pulmonary disease (COPD) among males and females was 11.4% in India in 2021. Similarly, as per the ERS journal of 2021, it was estimated that around 36,580,965 Europeans suffered from COPD in 2020 and as

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per Mordor Intelligence analysis around 49,453,852 Europeans were expected to suffer from COPD in 2050.

Owing to such a high prevalence of COPD the researchers are also focusing on developing innovative and new devices for advanced treatment. For instance, as per another study published by the NCBI in January 2021, due to the increasing cases of COPD across the globe, the researchers were focusing on developing new advanced devices and novel surgical and bronchoscopic procedures. Therefore, such positive advancements and a high prevalence of respiratory diseases are anticipated to propel the demand for OPEP devices, thereby surging market growth.

Furthermore, the technological advancements related to OPEP devices are also pushing market growth. For instance, as per a study published by BMC Pulmonary Medicine in October 2021, currently, reusable OPEP devices are available that require regular cleaning and disinfection to prevent harboring of potentially pathogenic organisms. However, adherence to cleaning regimens for respiratory devices is often critical. Therefore, a prototype single-use OPEP device - "UL-OPEP" was developed to mitigate the risk of pathogen contamination. Such technological advancements and innovations may create opportunities for the market, which in turn may encourage many new players to enter the market and drive growth.

On the other hand, a lack of skilled professionals is likely to hinder the market growth over the forecast period.

#### Oscillating Positive Expiratory Pressure Devices Market Trends

##### COPD and Asthma Segment is Expected to Witness Largest Growth Over the Forecast Period

Asthma is the most common chronic respiratory disease affecting children globally. Asthma is a chronic (long-term) condition that affects the airways in the lungs. The airways are the tubes that carry air in and out of your lungs. The airways of asthma patients can sometimes become inflamed and narrow. This makes it difficult for air to flow out of the airways when exhaling. COPD is a group of lung diseases that make breathing difficult and worsen over time. The high prevalence of asthma and COPD across the globe is one of the major factors propelling the segment's growth.

For instance, per the journal published by the ERJ Open Research in August 2022, a study based on the ISAAC questionnaire reported a prevalence of bronchial asthma of 13.1% in children aged 11 to 16 years globally. It also reported that, globally, the prevalence of asthma in children was 10.2%. Similarly, as per a journal published by ScienceDirect in January 2022, the overall prevalence of asthma in Saudi Arabia was 14.2% in 2021.

Furthermore, per a report published by the CDC in July 2022, the overall prevalence rate of COPD in the United States in 2021 was more than 5.6%. The prevalence of COPD among individuals aged 5 to 29 years was found to range from 0.1% to 0.9%, increasing to 1.6% to 28.3% in the population aged 30 years in 2021. Such instances indicate that the demand for OPEP devices is anticipated to increase, propelling segment growth.

##### North America is Expected to Witness Largest Growth Over the Forecast Period

North America is expected to dominate the overall OPEP devices market over the forecast period. The growth is due to factors such as increasing cases of pediatric respiratory diseases and increasing research work. For instance, as per a report published by Asthma Canada in June 2021, more than 850,000 children under the age of 14 had asthma, thereby making it the most common chronic disease among children and the leading cause of both school absenteeism and hospitalization in Canada. Similarly, per a journal published by the CMAJ Group in May 2021, asthma is the most common chronic disease in children, with a prevalence of 15.0% to 25.0% in Canada.

Key product launches, high concentration of market players or manufacturer's presence, acquisition and partnerships among

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major players, and increasing cases of respiratory diseases in the United States are some of the factors driving the growth of the OPEP devices market in the country. For instance, as per an NCBI study published in August 2022, in the United States, the annual incidence of pneumonia is 24.8 cases per 10,000 adults, with higher rates as age increases.

## Oscillating Positive Expiratory Pressure Devices Market Competitor Analysis

The global OPEP devices market is competitive and consists of very few major players. The competitive landscape includes an analysis of a few international as well as local companies which hold considerable market shares and are well-known, including AirPhysio, D-R Burton Healthcare, Medica Holdings, LLC., Monaghan Medical Corporation, PARI GmbH, R. Cegla GmbH & Co. KG, and Smiths Medical, Inc. among others.

Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

### **Table of Contents:**

#### 1 INTRODUCTION

- 1.1 Study Assumptions and Market Definition
- 1.2 Scope of the Study

#### 2 RESEARCH METHODOLOGY

#### 3 EXECUTIVE SUMMARY

#### 4 MARKET DYNAMICS

- 4.1 Market Overview
- 4.2 Market Drivers
  - 4.2.1 Rising Prevalence of Chronic Respiratory Diseases Across the Globe
  - 4.2.2 Growing Technological Advancements
- 4.3 Market Restraints
  - 4.3.1 Lack of Skilled Professionals
- 4.4 Porter's Five Force Analysis
  - 4.4.1 Threat of New Entrants
  - 4.4.2 Bargaining Power of Buyers/Consumers
  - 4.4.3 Bargaining Power of Suppliers
  - 4.4.4 Threat of Substitute Products
  - 4.4.5 Intensity of Competitive Rivalry

#### 5 MARKET SEGMENTATION (Market Size by Value - USD Million)

- 5.1 By Product Type
  - 5.1.1 Face Mask PEP Devices
  - 5.1.2 Mouthpiece PEP Devices
  - 5.1.3 Bottle PEP Devices
- 5.2 By Indication
  - 5.2.1 COPD and Asthma
  - 5.2.2 Bronchitis

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- 5.2.3 Cystic Fibrosis
- 5.2.4 Others
- 5.3 By End-User
  - 5.3.1 Hospital and Clinics
  - 5.3.2 Ambulatory Surgical Centers
  - 5.3.3 Others
- 5.4 Geography
  - 5.4.1 North America
    - 5.4.1.1 United States
    - 5.4.1.2 Canada
    - 5.4.1.3 Mexico
  - 5.4.2 Europe
    - 5.4.2.1 Germany
    - 5.4.2.2 United Kingdom
    - 5.4.2.3 France
    - 5.4.2.4 Italy
    - 5.4.2.5 Spain
    - 5.4.2.6 Rest of Europe
  - 5.4.3 Asia-Pacific
    - 5.4.3.1 China
    - 5.4.3.2 Japan
    - 5.4.3.3 India
    - 5.4.3.4 Australia
    - 5.4.3.5 South Korea
    - 5.4.3.6 Rest of Asia-Pacific
  - 5.4.4 Rest of the World (ROW)

## 6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
  - 6.1.1 AirPhysio
  - 6.1.2 Smiths Medical
  - 6.1.3 D-R Burton Healthcare
  - 6.1.4 Medica Holdings, LLC
  - 6.1.5 Monaghan Medical Corporation
  - 6.1.6 PARI GmbH
  - 6.1.7 R. Cegla GmbH & Co. KG

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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