

# **Asia Pacific Digital Thoracic Drainage Devices Market Forecast to 2030 - Regional Analysis - by Product Type (Single Chamber and Multiple Chambers), Application (Cardiac Surgery, Thoracic and Pulmonary Surgery, Oncology and Trauma, Infectious Diseases, and Others), and End User (Hospitals, Ambulatory Surgical Centers, and Others)**

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## **Abstracts**

The Asia Pacific digital thoracic drainage devices market is expected to grow from US\$ 45.53 million in 2022 to US\$ 70.64 million by 2030. It is estimated to grow at a CAGR of 5.6% from 2022 to 2030.

### **Inclination Toward Digital Devices Fuels Asia Pacific Digital Thoracic Drainage Devices Market**

The healthcare sector is keen on adopting medical devices enabled by digital technologies. The incorporation of IoT and artificial intelligence imparts capabilities such as real-time readings and health tracking into digital medical devices. Currently, the healthcare sector is rapidly adopting telecommunications devices in respiratory applications. Digital technologies in pulmonary function monitoring have been affirmed to provide significant and cost-effective results in home-care settings. An internet-based digital drainage system would help healthcare staff to monitor their patients' health in the homecare settings, alongside enabling an early discharge of patients from hospitals, thus facilitating cost reduction. With these systems, healthcare providers can address all patient concerns remotely. However, a few of the notable risks associated with internet-based digital thoracic drainage devices include uncertainties related to the internet, leading to may create emergencies such as disconnection or malfunction of the device

due to poor connectivity. Such shortcomings make taking intermediate steps, such as integrating good internet network with better connectivity and installing systems to notify the disparity in the readings provided by the digital thoracic systems before discharging patients essential. Irrespective of these limitations, internet-based digital thoracic drainage devices are expected to have a good possibility of acceptance in the thoracic telemedicine area, thereby providing notable growth opportunities to the Asia Pacific digital thoracic drainage devices market in the future.

## Asia Pacific Digital Thoracic Drainage Devices Market Overview

The Asia Pacific digital thoracic drainage devices market is segmented into China, Japan, India, South Korea, Australia and the Rest of Asia Pacific. The growth in the region is driven by an increase in respiratory disorders, rise in the number of surgeries performed, expansion of the healthcare sector, and increasing awareness about digital thoracic drainage devices. According to BioMed Central, China recorded over 40% of deaths due to cardiovascular disease (CVD) in 2022, and the number of CVD deaths has nearly doubled over the past two decades, in contrast to a drop in high-income nations. The prevalence of chronic diseases has also sharply increased in the nation in recent years. According to data released in February 2023 by the NCBI, 179.9 million Chinese older adults suffered from chronic conditions, such as diabetes, cancer, and heart disease. These and other chronic illnesses are the main contributors to healthcare costs and the major cause of death and disability in China. This has increased the need for thoracic drainage devices and improved their growth prospects.

## Asia Pacific Digital Thoracic Drainage Devices Market Revenue and Forecast to 2030 (US\$ Million)

### Asia Pacific Digital Thoracic Drainage Devices Market Segmentation

The Asia Pacific digital thoracic drainage devices market is segmented into product type, application, end user, and country.

Based on product type, the Asia Pacific digital thoracic drainage devices market is segmented into single chamber and multiple chambers. The single chamber segment held a larger share of the Asia Pacific digital thoracic drainage devices market in 2022.

Based on application, the Asia Pacific digital thoracic drainage devices market is segmented into cardiac surgery, thoracic and pulmonary surgery, oncology and trauma, infectious diseases, and others. The thoracic and pulmonary surgery segment held the

largest share of the Asia Pacific digital thoracic drainage devices market in 2022.

Based on end user, the Asia Pacific digital thoracic drainage devices market is segmented into hospitals, ambulatory surgical centers, and others. The hospitals segment held the largest share of the Asia Pacific digital thoracic drainage devices market in 2022.

Based on country, the Asia Pacific digital thoracic drainage devices market is segmented into China, Japan, India, South Korea, Australia, and the Rest of Asia Pacific. China dominated the Asia Pacific digital thoracic drainage devices market in 2022.

ATMOS MedizinTechnik GmbH & Co KG, Cardinal Health Inc, Getinge AB, Medela AG, Pacific Hospital Supply Co Ltd, Redax SpA, Rocket Medical Plc, and Teleflex Inc are some of the leading companies operating in the Asia Pacific digital thoracic drainage devices market.

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