

Pulmonary Artery Catheter Market Analysis Highlights Growth To \$1.57 Billion By 2030 At 4.5% CAGR

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LONDON, GREATER LONDON, UNITED KINGDOM, August 25, 2026

/EINPresswire.com/ -- "The [pulmonary artery catheter market](#) has been

witnessing steady growth, driven by advancements in critical care and increasing demand for precise cardiovascular monitoring. As healthcare systems evolve, this market is expected to expand further, supported by technological innovations and rising incidences of cardiovascular and respiratory conditions. Let's explore the current market size, key growth drivers, regional dynamics, and future trends shaping this sector.



Expected to grow to \$1.58 billion in 2030 at a compound annual growth rate (CAGR) of 4.5%"

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Projected Market Size and Expansion of the Pulmonary Artery Catheter Market

The pulmonary artery catheter market has shown consistent growth over recent years. It is forecasted to increase from \$1.26 billion in 2025 to \$1.32 billion in 2026, exhibiting a compound annual growth rate (CAGR) of 4.8%. This growth during the historical period has been primarily

driven by increased critical care admissions, wider adoption in cardiac surgeries, advancements in intensive care unit (ICU) monitoring, greater clinician familiarity with pulmonary artery catheters (PACs), and a rising burden of cardiovascular diseases.

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Looking ahead, the market is expected to maintain steady progress, reaching \$1.58 billion by 2030 with a CAGR of 4.5%. The anticipated growth factors include a rising need for advanced

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hemodynamic data, more complex ICU cases, continuous improvements in catheter technology, expansion of critical care infrastructure, and health sector growth in emerging economies. Important trends in this period will feature a shift toward minimally invasive hemodynamic monitoring, increased use in high-risk cardiac procedures, growing preference for disposable catheters, focus on improving accuracy and safety, and a reduction in routine application for low-risk patients.

Understanding the Role of Pulmonary Artery Catheters

A pulmonary artery catheter is a specialized medical device used to measure pressures within the heart and pulmonary artery, providing vital insights into the cardiovascular system's function. It is especially critical for patients with severe heart or lung conditions. PACs are commonly utilized in intensive care settings to monitor parameters such as cardiac output and pulmonary artery pressure, aiding clinicians in diagnosing and managing complex cardiovascular and respiratory disorders.

View the full pulmonary artery catheter market report:

https://www.thebusinessresearchcompany.com/report/pulmonary-artery-catheter-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Rising Lung Disease Incidence as a Growth Catalyst

One of the primary factors fueling the expansion of the pulmonary artery catheter market is the increasing prevalence of lung diseases. These conditions impair lung and respiratory system function, affecting oxygen intake and carbon dioxide removal. The rising incidence is closely linked to growing air pollution, which damages lung tissue over time and contributes to chronic respiratory illnesses. Pulmonary artery catheters play a crucial role in measuring heart and lung function by monitoring pulmonary artery pressures, thereby supporting diagnosis and treatment of these diseases.

For example, in May 2025, the Centers for Disease Control and Prevention (a US government agency) reported that the age-adjusted prevalence of diagnosed chronic obstructive pulmonary disease (COPD) among adults aged 18 and above was 3.8%, with women (4.1%) showing a higher prevalence compared to men (3.4%). This data highlights the significance of lung disease incidence as a key driver for PAC market growth.

Regional Leadership in the Pulmonary Artery Catheter Market

In 2025, North America held the largest share of the pulmonary artery catheter market. The comprehensive market analysis spans multiple regions, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a broad understanding of global market trends and regional developments.

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