

Temporary Mechanical Circulatory Support Device Market Report Examines Industry Trends, Growth Drivers & Future Outlook

*The Business Research Company's
Temporary Mechanical Circulatory
Support Device Market Report 2026 –
Market Size, Trends, And Global Forecast
2026-2035*

LONDON, GREATER LONDON, UNITED
KINGDOM, August 31, 2026

/EINPresswire.com/ -- "The [temporary](#)

[mechanical circulatory support device industry](#) has been witnessing significant growth recently, driven by advances in cardiac care and increasing demand for innovative medical solutions. As cardiovascular conditions continue to affect a large population worldwide, the need for effective short-term heart support devices is becoming more critical. Let's explore the current market size, growth drivers, key players, trends, and regional insights shaping this important healthcare sector.

Growth Trajectory and Market Size of the [Temporary Mechanical Circulatory Support Device Market](#)

The market for temporary mechanical circulatory support devices has experienced strong growth over the past years. It is projected to rise from \$2.66 billion in 2025 to \$2.9 billion in 2026, reflecting a compound annual growth rate (CAGR) of 9.0%. This historical growth is largely due to factors such as the limited availability of temporary MCS devices, dependence on invasive open-heart surgeries, high mortality rates associated with cardiogenic shock, increasing need for acute cardiac care, and the absence of portable or wearable options.

Download a free sample of the temporary mechanical circulatory support device market report: https://www.thebusinessresearchcompany.com/sample.aspx?id=27434&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Looking ahead, the temporary mechanical circulatory support device market is expected to continue expanding robustly, reaching \$4.1 billion by 2030 with an ongoing CAGR of 9.0%. This forecasted growth can be credited to technological breakthroughs in biomimetic and hybrid devices, wider adoption of minimally invasive MCS solutions, increased volumes of cardiac



The Business
Research Company

The Business Research Company

surgeries, the growth of outpatient cardiac centers, and the integration of digital monitoring along with intelligent hemodynamic management systems. Key trends anticipated in the coming years include greater use of percutaneous ventricular assist devices, expanded application of extracorporeal membrane oxygenation (ECMO), rising numbers of high-risk cardiac procedures, and the growing role of bridge-to-transplant and bridge-to-recovery treatments, alongside a focus on developing more portable and minimally invasive devices.

Understanding the Role of Temporary Mechanical Circulatory Support Devices

Temporary mechanical circulatory support (MCS) devices are specialized medical tools designed to aid the heart's pumping function on a short-term basis. They mechanically enhance blood flow and stabilize hemodynamics in patients suffering from acute cardiac failure or dysfunction. These devices provide critical support during high-risk cardiac interventions, help manage cardiogenic shock, and serve as a bridge to either heart transplantation or the implantation of durable ventricular assist devices. Their use is primarily in intensive care and surgical settings where immediate cardiac assistance is essential for patient survival and recovery.

View the full temporary mechanical circulatory support device market report:

https://www.thebusinessresearchcompany.com/report/temporary-mechanical-circulatory-support-device-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Factors Fueling Growth in the Temporary Mechanical Circulatory Support Device Market

One of the primary factors driving expansion in the temporary mechanical circulatory support device market is the rising prevalence of cardiovascular diseases worldwide. Cardiovascular diseases (CVD) include a spectrum of disorders affecting the heart and blood vessels, such as heart attacks, strokes, and hypertension. This increase is mainly linked to aging populations, as advancing age heightens the risk of developing heart-related ailments. Temporary MCS devices play a crucial role by providing short-term support to the heart's function, improving blood circulation during critical emergencies like heart failure or cardiogenic shock.

For example, a December 2024 report from GOV.UK highlighted that by March 2024, nearly 2.24 million adults in England—approximately 4.4% of the population aged 18 and older—had a general practitioner-recorded diagnosis of chronic kidney disease (CKD), up from 2.09 million cases the year before. Since CKD is often connected with cardiovascular complications, this rising patient base further emphasizes the growing need for temporary mechanical circulatory support solutions, thereby contributing to market growth.

Regional Outlook and Market Share of Temporary Mechanical Circulatory Support Devices

In 2025, North America held the largest share of the [global temporary mechanical circulatory support device market](#). This dominance is supported by advanced healthcare infrastructure, high adoption rates of innovative medical technologies, and significant investment in cardiac care. Meanwhile, the Asia-Pacific region is anticipated to be the fastest-growing market during the forecast period. Factors such as increasing cardiovascular disease prevalence, improving

healthcare access, and rising cardiac surgery volumes are expected to fuel rapid market expansion in this region. The market report covers various geographical segments including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market dynamics.

What's new in our 2026 market reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel dashboards
- Market hotspots infographics
- Key technologies and future trends
- Updated graphics and tables

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: marketing@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

- LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/938431398>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.