

# **Circulatory Support Devices Market Size, Trends, Analysis, and Outlook By Product (Ventricular assisted device (VAD), Total artificial heart (TAH), ExtraCorporeal membrane oxygenation (ECMO)), By End-User (Hospitals, ASCs), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Circulatory Support Devices market size is poised to register 10.4% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Circulatory Support Devices market By Product (Ventricular assisted device (VAD), Total artificial heart (TAH), ExtraCorporeal membrane oxygenation (ECMO)), By End-User (Hospitals, ASCs).

The future of circulatory support devices is marked by advancements in mechanical circulatory support (MCS) technology, implantable devices, and minimally invasive approaches aimed at improving outcomes for patients with advanced heart failure and cardiogenic shock. Key trends include the development of next-generation ventricular assist devices (VADs), such as centrifugal flow pumps, axial flow pumps, and total artificial hearts, with enhanced durability, biocompatibility, and hemocompatibility, offering long-term support and improved quality of life for patients awaiting heart transplantation or as destination therapy. Additionally, advancements in percutaneous ventricular assist devices (pVADs) and temporary circulatory support systems enable rapid deployment, early hemodynamic stabilization, and bridge-to-recovery or bridge-to-transplantation options for patients in acute heart failure or cardiogenic shock, reducing mortality rates and improving survival outcomes. Moreover, the integration of remote monitoring, wireless connectivity, and telemedicine platforms into circulatory support

devices facilitates real-time data transmission, remote troubleshooting, and virtual patient management, enhancing patient safety and healthcare provider oversight while minimizing hospital readmissions and healthcare costs. Furthermore, the customization of circulatory support strategies, device configurations, and patient management protocols based on individual clinical profiles, hemodynamic parameters, and treatment goals drives personalized approaches and optimization of therapeutic outcomes, ensuring tailored and patient-centered care for individuals with advanced heart failure. Overall, these advancements in circulatory support devices offer hope for improved survival, quality of life, and long-term outcomes for patients with severe cardiac conditions, underscoring the importance of continued research and innovation in cardiovascular medicine and mechanical circulatory support..

## Circulatory Support Devices Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Circulatory Support Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Circulatory Support Devices survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Circulatory Support Devices industry.

## Key market trends defining the global Circulatory Support Devices demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Circulatory Support Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Circulatory Support Devices industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook

across segments to support Circulatory Support Devices companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Circulatory Support Devices industry

Leading Circulatory Support Devices companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Circulatory Support Devices companies.

Circulatory Support Devices Market Study- Strategic Analysis Review

The Circulatory Support Devices market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Circulatory Support Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Circulatory Support Devices industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Circulatory Support Devices Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Circulatory Support Devices Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Circulatory Support Devices market segments. Similarly, Strong end-user demand is encouraging Canadian Circulatory Support Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Circulatory Support Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Circulatory Support Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Circulatory Support Devices industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Circulatory Support Devices market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

### Asia Pacific Circulatory Support Devices Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Circulatory Support

Devices in Asia Pacific. In particular, China, India, and South East Asian Circulatory Support Devices markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Circulatory Support Devices Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Circulatory Support Devices Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Circulatory Support Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Circulatory Support Devices.

**Circulatory Support Devices Market Company Profiles**

The global Circulatory Support Devices market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are ABIOMED, Berlin Heart, Medtronic Plc, ReliantHeart, St. Jude Medical.

**Recent Circulatory Support Devices Market Developments**

The global Circulatory Support Devices market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Circulatory Support Devices Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

By Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

ABIOMED

Berlin Heart

Medtronic Plc

ReliantHeart

St. Jude Medical

Formats Available: Excel, PDF, and PPT



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Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

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Ambulatory Care Centers

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ABIOMED

Berlin Heart

Medtronic Plc

ReliantHeart

St. Jude Medical

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