

# **Heart Pump Device Market by Product (Ventricular Assist Devices (LVAD, RVAD, BiVAD, and pVAD), Intra-aortic Balloon Pumps, TAH), Type (Extracorporeal and Implantable Pumps), Therapy (Bridge-to-transplant, Destination Therapy) - Global Forecast to 2026**

<https://marketpublishers.com/r/H6182554604EN.html>

Date: May 2021

Pages: 174

Price: US\$ 4,950.00 (Single User License)

ID: H6182554604EN

## **Abstracts**

The global heart pump device market is projected to USD 5.5 billion by 2026 from USD 2.1 billion in 2021, at a CAGR of 21.6% from 2021 to 2026. The growth of this market is driven owing to increasing investments, funds, and grants for research on heart failure treatment; rising prevalence of cardiovascular diseases; long waiting periods for heart transplants; favorable reimbursements for heart pump devices; and increasing obesity. Also, promising product pipeline, increasing number of product approvals and emerging markets are anticipated to offer an opportunity for the growth of the market during the forecast period.

“Ventricular assist devices are expected to hold the largest share of the heart pump device market, by product in 2021.”

Based on products, the heart pump devices market is segmented into ventricular assist devices, intra- aortic balloon pumps, and total artificial hearts. Ventricular assist devices are the largest and fastest-growing segment in this market. Growth in this segment can primarily be attributed to technological advancements, the shortage of organ donors, and the increasing prevalence of heart failure globally.

“Implantable heart pump devices are expected to hold the largest share of the heart pump device market, by type in 2021.”

Based on type, the market is segmented into implantable heart pump devices and

extracorporeal heart pump devices. In 2020, implantable heart pump devices accounted for the largest share of this market, due to the introduction of innovative products by leading players and the rising need for an efficient solution to manage heart failure.

“Bridge-to-transplant is expected to hold the largest share of the heart pump device market, by therapy in 2021.”

Based on therapy, the market is segmented into bridge-to-transplant (BTT), bridge-to-candidacy (BTC), destination therapy (DT), and other therapies. In 2020, the BTT segment accounted for the largest share of this market. Growing awareness about transplantation and the availability of VADs for BTT have propelled the growth of this segment.

“Europe commanded the largest share of the heart pump device market in 2021.”

On the basis of region, the heart pump device market is segmented into North America, Europe, Asia Pacific, and the Rest of the World. In 2020, Europe commanded the largest share of the heart pump device market. The large share of this market segment can be attributed to the rising adoption of heart pump devices, the high prevalence of CVDs, the growing number of research activities to improve current technologies, and the limited availability of donor hearts for transplants.

Breakdown of supply-side primary interviews, by company type, designation, and region:

By Company Type: Tier 1 (20%) , Tier 2 (45%), and Tier 3 (35%)

By Designation: C-level (30%), Director-level (20%), and Others (50%)

By Region: North America (33%), Europe (24%), AsiaPacific (27%), and Rest of the World (16%)

Some of the major players operating in this market are Abbott Laboratories (US), Abiomed (US), Medtronic (Ireland), Teleflex Incorporated (US), and Fresenius Medical Care AG & Co. KGaA (Germany)

List of Companies Profiled in the Report

Abbott Laboratories (US)

Abiomed (US)

Medtronic (Ireland)

Teleflex Incorporated (US)

SynCardia Systems (US)

Fresenius Medical Care AG & Co. KGaA (Germany)

Getinge (Sweden)

CardiacAssist, Inc. (US)

Berlin Heart (Germany)

Jarvik Heart, Inc. (US)

CARMAT (France)

SENKO MEDICAL INSTRUMENT Mfg. CO., LTD. (Japan)

Angiodroid (Italy)

CardioDyme (US)

World Heart Corporation (US).

## Research Coverage

This report studies the heart pump device market based on product, type, therapy, and region. The report also analyzes factors (such as drivers, restraints, challenges, and opportunities) affecting market growth. It evaluates the opportunities and challenges in the market for stakeholders and provides details of the competitive landscape for market leaders. The report also studies micromarkets with respect to their growth trends, prospects, and contributions to the total heart pump device market. The report

forecasts the revenue of the market segments with respect to four major regions.

Reasons to Buy the Report:

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on heart pump device offered by the top 15 players in the heart pump device market. The report analyzes the heart pump device market product, type, therapy, and region.

**Market Development:** Comprehensive information about lucrative emerging markets. The report analyzes the markets for various securement devices across key geographic regions.

**Market Diversification:** Exhaustive information about new products, untapped geographies, recent developments, and investments in the heart pump device market

**Competitive Assessment:** In-depth assessment of market shares and strategies of the leading players in the heart pump device market

Frequently asked questions

What are the growth opportunities in the heart pump device market across major regions in the future?

Which product is expected to hold the largest share in the heart pump device market?

Which region is anticipated to witness considerable growth in the heart pump device market?

Which are the driving factors of the heart pump device market?

What is the impact of COVID-19 on the heart pump device market?

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#### TABLE 114 COMPANY FOOTPRINT

#### TABLE 115 COMPANY PRODUCT FOOTPRINT

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## 11 COMPANY PROFILES

### 11.1 KEY PLAYERS

(Business Overview, Products/Solutions Offered, Recent Developments, SWOT Analysis, Winning Imperatives, Current Focus and Strategies, Threat From Competition, Right to Win)\*

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TABLE 119 ABIOMED: BUSINESS OVERVIEW

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11.1.3 MEDTRONIC

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11.1.4 TELEFLEX INCORPORATED

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FIGURE 35 TELEFLEX INCORPORATED: COMPANY SNAPSHOT (2020)

11.1.5 SYNCARDIA SYSTEMS

TABLE 122 SYNCARDIA SYSTEMS: BUSINESS OVERVIEW

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TABLE 123 FRESENIUS MEDICAL CARE AG & CO. KGAA: BUSINESS OVERVIEW

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TABLE 125 GETINGE: BUSINESS OVERVIEW

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TABLE 127 JARVIK HEART, INC.: BUSINESS OVERVIEW

11.2.3 CARMAT

TABLE 128 CARMAT: BUSINESS OVERVIEW

11.2.4 SENKO MEDICAL INSTRUMENT MFG. CO., LTD.

TABLE 129 MERA: BUSINESS OVERVIEW

11.2.5 ANGIODROID

TABLE 130 ANGIODROID: BUSINESS OVERVIEW

11.2.6 CARDIODYME

TABLE 131 CARDIODYME: BUSINESS OVERVIEW

11.2.7 WORLD HEART CORPORATION

TABLE 132 WORLD HEART CORPORATION: BUSINESS OVERVIEW

\*Business Overview, Products/Solutions Offered, Recent Developments, SWOT Analysis, Winning Imperatives, Current Focus and Strategies, Threat From Competition, Right to Win might not be captured in case of unlisted companies.

## **12 APPENDIX**

12.1 INSIGHTS FROM INDUSTRY EXPERTS

12.2 DISCUSSION GUIDE

12.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

12.4 AVAILABLE CUSTOMIZATIONS

12.5 RELATED REPORTS

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