Ventricular Assist Device Market Analysis by Product (Left, Right, Bi-Ventricular Assist Devices), and Segment Forecasts To 2022

Description: The global ventricular assist device market is expected to reach USD 1.97 billion by 2022. Key factors attributing to its rapid growth include rising prevalence of cardiovascular disorders coupled with the development of technological advanced products such as miniature device with infection reduction technology.

Furthermore, increasing healthcare expenditure, favorable reimbursement policies and advanced technological facilities, are expected to positively reinforce ventricular assist device market growth over the next seven years.

Ventricular assist device market is segmented on the basis of type of product which includes left ventricular, right ventricular and bi-ventricular assist device. Key factors attributing to rapidly increasing number of patients with end stage heart failure and low availability of therapeutic options are among the key factors attributing to the market growth.

With continual shortage of organ donors and increasing demand of LVADs’ for bridge to transplantation in patients suffering from end stage heart failure, is expected to positively reinforce market growth over the forecast period.

Lack of developed reimbursement policies in underdeveloped economies of Africa and Asia is one of the key factors attributing for low penetration of these device. However, constant economic development, improving healthcare infrastructure and reimbursement policies in countries such as India and China is expected to positively reinforce market growth in next seven years.

Technological advancements in VADs have been a continuous process since the launch of first generation device. First generation VADs are referred to as pulsatile volume displacement pumps which are powered by pneumatic or electrical drive systems. Some of the U.S. FDA approved products are the Abiomed BVS5000, Worldheart Novacor System (LVAS).

Second generation ventricular assist device which are usually known as continuous flow LVADs were developed to overcome several limitations of the pulsatile displacement systems. At present, second generation LVADs that are available include the TandemHeart pVAD, Thoratec Heartmate II, Jarvik 2000, and the Impella Pump System.

Third generation ventricular assist device such as VentrAssist, DuraHeart, HeartMate III LVAD and others are currently under various stages of development, clinical trials and commercialization stages. These third generation ventricular assist device are continuous flow device with more advancement in product design, materials, battery capacity and size. Constant development in these devices serves as a high impact rendering driver for the growth of the market.

Further key findings from the report suggest:

In 2014, North America accounted for largest market share of over55%. Key factors attributing to its large share include presence of advanced healthcare infrastructure, and high level of collaboration between various stakeholders including medical fraternity, medical device industry, regulatory authorities, universities and others.

Furthermore, presence of high research expenditure by public and private entities in healthcare sector is anticipated to propel market growth for ventricular assist device in the coming seven years. Asia Pacific is expected to be one of the fastest growing markets, growing at a CAGR of over17% during the forecast period. Key factors attributed to the growth are high economic growth in countries such as China, Brazil, India, and South Korea coupled with high unmet medical needs is expected to boost usage rates of ventricular assist device.

Key players operating in ventricular assist device market include Abiomed, HeartWare International, Thoratec, Inc., Berlin Heart, Cardiac Assist and ReliantHeart.
Contents:
1. Methodology and Scope
   1.1. Research Methodology
   1.2. Research Scope & Assumptions
   1.3. List of Data Sources

2. Executive Summary

3. Ventricular assist device Industry Outlook
   3.1. Ventricular assist device market segmentation
   3.2. Ventricular assist device market size and growth prospects
   3.3. Ventricular assist device Market dynamics
   3.4. Market driver analysis
   3.5. Market restraint analysis
   3.6. Key opportunities prioritized
   3.7. Industry analysis - Porter's
   3.8. Ventricular assist device technology trend analysis
   3.9. Company market share analysis, 2014
   3.10. Ventricular assist device: PESTEL analysis, 2014

4. Ventricular Assist device Product Outlook
   4.1. Ventricular assist device market share, by product, 2014 & 2022
   4.2. Left ventricular assist device
      4.2.1. Left ventricular assist device market estimates and forecasts, 2012 - 2022 (USD Million)
   4.3. Right ventricular assist device
      4.3.1. Right ventricular assist device market estimates and forecasts, 2012 - 2022 (USD Million)
   4.4. Bi-ventricular assist device
      4.4.1. Bi-ventricular assist device market estimates and forecasts, 2012 - 2022 (USD Million)

5. Ventricular Assist device Regional Outlook
   5.1. Ventricular assist device market share, by region, 2014 & 2022
   5.2. North America
      5.2.1. North America ventricular assist device market estimates and forecasts, by product, 2012 - 2022
      5.2.1.1. U.S. ventricular assist device market estimates and forecasts, 2012 - 2022
      5.2.1.2. Canada ventricular assist device market estimates and forecasts, 2012 - 2022
   5.3. Europe
      5.3.1. Europe ventricular assist device market estimates and forecasts, by product, 2012 - 2022
      5.3.1.1. UK ventricular assist device market estimates and forecasts, 2012 - 2022
      5.3.1.2. Germany ventricular assist device market estimates and forecasts, 2012 - 2022
   5.4. Asia Pacific
      5.4.1. Asia Pacific ventricular assist device market estimates and forecasts, by product, 2012 - 2022
      5.4.1.1. Japan ventricular assist device market estimates and forecasts, 2012 - 2022
      5.4.1.2. China ventricular assist device market estimates and forecasts, 2012 - 2022
      5.4.1.3. India ventricular assist device market estimates and forecasts, 2012 - 2022
   5.5. Latin America
      5.5.1. Latin America ventricular assist device market estimates and forecasts, by product, 2012 - 2022
      5.5.1.1. Brazil ventricular assist device market estimates and forecasts, 2012 - 2022
      5.5.1.2. Mexico ventricular assist device market estimates and forecasts, 2012 - 2022
   5.6. MEA
      5.6.1. MEA ventricular assist device market estimates and forecasts, by product, 2012 - 2022
      5.6.1.1. South Africa ventricular assist device market estimates and forecasts, 2012 - 2022

6. Competitive Landscape
   6.1. Abiomed
      6.1.1. Company Overview
      6.1.2. Financial Performance
      6.1.3. Product Benchmarking
      6.1.4. Strategic Initiatives
   6.2. HeartWare International
      6.2.1. Company Overview
      6.2.2. Financial Performance
      6.2.3. Product Benchmarking
      6.2.4. Strategic Initiatives
6.3. Thoratec
6.3.1. Company Overview
6.3.2. Financial Performance
6.3.3. Product Benchmarking
6.3.4. Strategic Initiatives
6.4. Berlin Heart
6.4.1. Company Overview
6.4.2. Financial Performance
6.4.3. Product Benchmarking
6.4.4. Strategic Initiatives
6.5. Cardiac Assist
6.5.1. Company Overview
6.5.2. Financial Performance
6.5.3. Product Benchmarking
6.5.4. Strategic Initiatives
6.6. Jarvik Heart
6.6.1. Company Overview
6.6.2. Financial Performance
6.6.3. Product Benchmarking
6.6.4. Strategic Initiatives
6.7. ReliantHeart
6.7.1. Company Overview
6.7.2. Financial Performance
6.7.3. Product Benchmarking
6.7.4. Strategic Initiatives
6.8. Sun Medical Technology Research
6.8.1. Company Overview
6.8.2. Financial Performance
6.8.3. Product Benchmarking
6.8.4. Strategic Initiatives

List of Tables
Table 1 Ventricular Assist Device Market - Industry Summary & Key Buying Criteria, 2012 - 2022
Table 2 Global ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 3 Global ventricular assist Device market, by application, 2012 - 2022 (USD Million)
Table 5 Ventricular assist Device market, by region, 2012 - 2022 (USD Million)
Table 6 Ventricular assist Device market - Key market driver analysis
Table 7 Ventricular assist Device market - Key market restraint analysis
Table 8 Global cardiovascular diseases market, by disease type, 2012 - 2022 (USD Million)
Table 9 North America ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 10 U.S. ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 11 Canada ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 12 Europe ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 13 UK ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 14 Germany ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 15 Asia Pacific ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 16 Japan ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 17 China ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 18 Latin America ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 19 Brazil ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 20 Mexico ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 21 MEA ventricular assist Device market, by product, 2012 - 2022 (USD Million)
Table 22 South Africa ventricular assist Device market, by product, 2012 - 2022 (USD Million)

List of Figures
Figure 1 Ventricular Assist Device market segmentation
Figure 2 Global Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 3 Ventricular Assist Device market dynamics
Figure 4 Global geriatric population, 2012 - 2022 (Million)
Figure 5 Key Opportunities Prioritized- Product
Figure 6 Ventricular Assist Device market - Porter’s analysis
Figure 7 Ventricular Assist Device market PESTEL analysis
Figure 8 Company market share analysis, 2014
Figure 9 Ventricular Assist Device revenue share by product, 2014 & 2022
Figure 10 Left ventricular assist Device market, 2012 - 2022 (USD Million)
Figure 11 Right ventricular assist Device market, 2012 - 2022 (USD Million)
Figure 12 Bi-ventricular assist Device market, 2012 - 2022 (USD Million)
Figure 13 Ventricular Assist Device market share, by region, 2014 & 2022
Figure 14 North America Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 15 U.S. Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 16 Canada Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 17 Europe Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 18 UK Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 19 Germany Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 20 Asia Pacific Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 21 Japan Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 22 China Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 23 Latin America vascular market, 2012 - 2022 (USD Million)
Figure 24 Brazil Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 25 Mexico Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 26 MEA Ventricular Assist Device market, 2012 - 2022 (USD Million)
Figure 27 South Africa Ventricular Assist Device market, 2012 - 2022 (USD Million)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3640136/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

| Product Name: | Ventricular Assist Device Market Analysis by Product (Left, Right, Bi-Ventricular Assist Devices), and Segment Forecasts To 2022 |
| Web Address: | http://www.researchandmarkets.com/reports/3640136/ |
| Office Code: | SCBRUCY9 |

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) -</td>
<td>USD 4700</td>
</tr>
<tr>
<td>Single User</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>USD 8000</td>
</tr>
<tr>
<td>Site License</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>USD 10500</td>
</tr>
<tr>
<td>Enterprisewide</td>
<td></td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

Title:  
First Name:  
Email Address:  
Job Title:  
Organisation:  
Address:  
City:  
Postal / Zip Code:  
Country:  
Phone Number:  
Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World