

# Global LVAD Market Report: 2014 Edition

<https://marketpublishers.com/r/G7831796EB2EN.html>

Date: September 2014

Pages: 55

Price: US\$ 800.00 (Single User License)

ID: G7831796EB2EN

## Abstracts

LVAD, Left Ventricular Assist Device, is a mechanical device that circulates blood throughout the body when the heart is too weak to pump blood on its own. They are used in the bridge-to-transplantation (BTT), destination therapy (DT) and bridge to recovery. With the existing conventional therapies and other invasive therapies that provide only symptomatic benefits to patients, LVAD is a key potential area of focus for researchers and various manufacturers at present. The cost-effectiveness and increased insurance reimbursement conditions are likely to increase the demand for LVADs in the future.

The LVAD companies compete with each other on the basis of substantially greater or broader financial base of the company, product development, sales and marketing resources and experience. Products in this market mainly compete on the basis of product safety, compliance with the prevailing regulations as well as efficiency as a treatment for congestive heart failure as compared to other devices and other treatments. Furthermore, the high prevalence of heart failure coupled with the limited availability of heart donors, aging baby-boomer population, and new and improved technologies is likely to contribute to the market growth.

The key factors driving growth of the global LVAD industry include rising diabetic population, increasingly ageing population with heart disorder and escalating healthcare expenditure. Also, growing bridge-to-transplant, which help patients to survive until a donor heart becomes available for transplant, is a major driver for LVAD market. Some of the noteworthy developments of this industry include reimbursement trends and expansion in the number of LVAD centers. However, the growth of respective industry is hindered by the barrier for destination therapy adoption and safety issues.

This report offers a comprehensive analysis of the worldwide LVAD market, along with an in-depth study of the US market. The competition in the respective market is intense

with two large players viz Thoratec Corporation and Heartware Holdings, among others. The competitive landscape of the global LVAD markets, along with the company profiles of the leading players are also discussed in detail.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have predicted the future growth of the industry. We employed various significant variables that have an impact on this industry and created regression models with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent or predictor variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

## Contents

### 1. OVERVIEW

#### 1.1 Heart Failure

##### 1.1.1 Introduction

##### 1.1.2 Various Stages of Heart Failure

##### 1.1.3 Available Treatment Options for HF

#### 1.2 Ventricular Assist Device

##### 1.2.1 Type of VADS

##### 1.2.2 Applications

#### 1.3 LVAD: An Overview

### 2. LVAD MARKET ANALYSIS

#### 2.1 Global Market

##### Market Value & Volume

##### Breakdown by Region

##### Market Segments

#### 2.2 The US LVAD Market

##### Market Value & Volume

##### Market Segments

### 3. MARKET DYNAMICS

#### 3.1 Growth Drivers

##### 3.1.1 Growing Organ Shortage

##### 3.1.2 Ageing Population Worldwide

##### 3.1.3 Under-Penetrated Market

##### 3.1.4 Increasing Diabetic Population

##### 3.1.5 Rising Healthcare Expenditure

#### 3.2 Industry Trends and Developments

##### 3.2.1 Reimbursement Trends

##### 3.2.2 Expansion in the Number of LVAD Centers

#### 3.3 Challenges

##### 3.3.1 Barriers for DT Adoption

##### 3.3.2 Safety Issues

### 4. COMPETITIVE LANDSCAPE

#### 4.1 Global Market

- Market Share

- Segment Share

- Product Comparison

#### 4.2 US Market

- Market Share

- Segment Share

#### 4.3 Outside US

- Market Share

### **5. COMPANY PROFILES**

#### 5.1 Thoratec Corporation

- 5.1.1 Business Description

- 5.1.2 Financial Highlights

- 5.1.3 Business Strategies

  - Focus on Research and Development

  - Growth through Acquisitions

#### 5.2 Heartware International Inc.

- 5.2.1 Business Description

- 5.2.2 Financial Highlights

- 5.2.3 Business Strategies

  - Expanding Global Footprint

  - Continuous Product Development

#### 5.3 Abiomed, Inc.

- 5.3.1 Business Description

- 5.3.2 Financial Highlights

- 5.3.3 Business Strategies

  - Unremitting Focus on R&D

  - Growth through Acquisitions

### **6. MARKET OUTLOOK**

#### 6.1 Market Forecast

#### 6.2 Forecast Methodology

- 6.2.1 Dependent and Independent Variables

- 6.2.2 Correlation Analysis

- 6.2.3 Regression Analysis



## List Of Charts

### LIST OF CHARTS

#### Types of Heart Failure

Global LVAD Market – by Value (2011-2016E)

Global LVAD Market - by Volume (2008-2013)

Global LVAD Market - Quarterly Sales (Q113-Q214)

Global LVAD Market – Value Share by Region (2013)

Global LVAD Market – Volume Share by Region (2013)

US LVAD Sales – by Value (2011-2016E)

US LVAD Market – by Volume (2010-2014E)

The US Organ Transplant Data (2005-2013)

The US Heart Transplant Donor Shortage (2006-2012)

Ageing Population Worldwide (2005-2013)

Global Diabetic Population (2006-2013)

Healthcare Expenditure Worldwide (2007-2013)

LVAD Reimbursement Trend in the US (2006-2012)

Global LVAD Market Share of Leading Companies (2013)

Global LVAD Bridge-to-Transplant Market Share by Company (2013)

Global LVAD Destination Therapy Market Share by Company (2013)

The US LVAD Market Share by Company (2013)

The US LVAD Bridge-to-Transplant Market Share by Company (2013)

The US LVAD Destination Therapy Market Share by Company (2013)

Outside US LVAD Market Share by Company (2013)

Thoratec's Revenue Breakdown by Product Line (2013)

Thoratec's Revenue Breakdown by Geographic Region (2013)

Thoratec's Revenue Breakdown by Category (2013)

Thoratec's Revenue and Net Profit (2009-2013)

Heartware's Revenue by Geographical Segment (2013)

Heartware's Revenue and Net Income (2009-2013)

Abiomed's Revenue Breakdown by Products (2013-14)

Abiomed's Revenue and Net Income (2009-10 – 2013-14)

Global LVAD Unit Sales and Annual Growth (2008-2017F)

## List Of Tables

### LIST OF TABLES

Stages of Heart Failure by AHA and ACC  
NYHA Classification of Heart Failure  
Global LVAD Market – by Application Area & Company (2009-2013)  
US LVAD Market - by Volume (2010-2014E)  
CPT Codes for VAD Implantation  
Product Comparison in LVAD Market  
Dependent & Independent Variables (2008–2013)  
Correlation Matrix  
Model Summary – Coefficient of Determination  
Regression Coefficients Output

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