

# Global LVAD Market Report: 2015 Edition

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## Abstracts

Left ventricular assist devices (LVADs) are mechanical heart pumps used to support a failing heart in patients with advanced heart failure. LVADs are lifesaving modules for patients who need temporary cardiac assistance and for those waiting for heart transplantation. They are used in the bridge-to-transplantation (BTT), destination therapy (DT) and bridge to recovery. 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 report “Global LVAD Market” provides a comprehensive analysis of the global market for LVAD, global BTT and DT market along with in-depth study of the US market and focus on application area worldwide. The major trends, growth drivers as well as issues being faced by the industry are being presented in this report. The three major players in the industry, Thoratec Corporation, Heartware International Inc. and Abiomed Inc. are being profiled.

The key factors driving the growth of the LVAD market are increasing diabetic population, rising healthcare expenditure, ageing population and technological developments. Some of the noteworthy trend and developments of this industry are new product development and expansion in number of LVAD centers. However, the expansion of global LVAD market is hindered by serious adverse events with implantable LVADs and barriers for DT adoption

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.

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