

# Global Coronary Stent Market Report – 2013 Edition

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## Abstracts

Coronary heart diseases are nowadays becoming more and more common, and in fact, are one of the largest killing diseases worldwide. Heart attack is caused by narrowing of or any blockage in the coronary arteries, which supply blood to heart muscles. Stents used in the coronary arteries to keep them open are called coronary stents, and are gaining importance due to intensity and rate of increase of the disease.

The coronary stents market has witnessed growth as well as decline phases in its journey. Since the advent of coronary stents, followed by the emergence of drug eluting stents, the field of stents in the treatment of coronary artery disease has been characterized by aggressive development of new technologies, from minor changes in strut design and drug-coating processes to more radical thinking of the kind that lead from bare metal stents to drug-eluting stents. The market is recording a decline in revenues due to release of some adverse clinical trial data that raised questions about the efficacy and safety of drug-eluting stents.

The Percutaneous coronary intervention (PCI) procedures and the use of drug-eluting stents (DES) in those procedures, implying the DES penetration rate are the main indicators of growth of the DES market or the coronary market at large. Bare metal stents (BMS) and drug-eluting stents are the two types of coronary stents. Before the advent of DES, BMS were the only type of stents available and hence covered the entire market. Since entry of DES, the market has shifted almost entirely towards DES.

The present report analyzes the coronary stent market on the basis of two of its segments: i.e., BMS and DES which includes market sales, number of procedures worldwide and market share. The report offers a comprehensive analysis of the worldwide coronary stent market with a special focus on the regional markets including the US, China, Japan and Europe/Rest of the world. The competition in the global coronary stent market is intense with few large players viz. Abbott Laboratories,

Medtronic, Boston Scientific and Johnson & Johnson. In addition, competitive landscape of global drug eluting stent market, the US, Japan, China and Europe/rest of the world DES market along with the company profiles of the leading players in the market is discussed in detail.

The developments observed within the industry include international launch of Resolute Integrity Stent System. But there are certain challenges which the industry is facing as of now which are use of alternative coronary stents and malfunctioning of coronary stent devices. The major factors which will contribute in the growth of the industry include growing ageing population, rising diabetic population, increasing cases of hypertension, rising healthcare expenditure and growing Gross national income among others.

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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