

Global Renal Denervation Market Report: 2012 Edition

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Abstracts

Affecting the lives of millions of people across the globe, hypertension is a chronic medical condition which substantially raises the risk of cardiac malfunction, kidney diseases and insulin resistance. However if the condition is tamed by managing the blood pressure, it suppresses the risk of occurrence of adverse events significantly. But, if it is left untreated, increases the risk of mortality from ischemic heart disease and stroke two folds.

Renal artery denervation (RDN), is a novel therapeutic paradigm meant for treating the resistant hypertension. Basically RDN is a catheter-based therapy which employs either radiofrequency or ultrasound energy for tampering the renal arteries sympathetic nerves whose hyperactivity causes treatment-resistant hypertension.

RDN devices and technologies are the most sought after innovations in the field of medical technology as they provide for an approach for managing and controlling the resistant hypertension, something that wasn't available in the paramedics' field before.

Developing novel medical devices using technologies which employ high frequency radiations has been a widely accepted trend these days. The companies operating in this field have been manufacturing devices which are used in the diagnosis and treatment of numerous medical conditions like cancer and hypertension. Despite being a technology which principally works using radiations for medical therapy, RDN has been proven minimally invasive and efficient when practiced heedfully.

The ongoing trends in the respective market include Medtronic's HTN-3 pivotal study, development of novel renal denervation devices, devising of baroreceptor stimulation technology, ongoing clinical trials and techniques to address the existing limitations of the current technologies. The drivers promoting RDN market's growth incorporate factors like increasing cases of hypertension, increasing expenditure on healthcare,

rising adult population worldwide, and increasing global GNI. Although it's been a new development in the field of paramedics, it has its own share of difficulties and hurdles where situations and elements such as limitations of invasive technology and treatment-resistant hypertension have been posing acute challenges. The leading players dominating RDN market space include Medtronic Inc., Boston Scientific Corp., St. Jude Medical Inc. and Covidien.

This RDN Market report attempts to elicit the rapidly evolving market by scrutinizing the novel technologies, product offerings, top notch industry players and their respective market shares.

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