

Neurostimulation - Advanced Technologies and Global Market (2009 - 2014)

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Abstracts

The global market for neurostimulation products is expected to be worth \$3.6 billion in 2009, growing at a CAGR of 22.7%, driven by the multiple treatment applications of neurostimulation products, and the emergence of venture capital in the industry.

Neurostimulation is used for the treatment of several debilitating conditions, including major treatment-resistant depression, epilepsy, gastroparesis, hearing loss, incontinence, chronic pain, Parkinson's disease, and essential tremors. Neurostimulation systems provide an improved lifestyle alternative to many patients who do not obtain relief from standard drug and invasive surgical therapy.

The neurostimulation market is driven mainly by technology advancements, rising consumer awareness, rising age-related neurological disorders, improved clinical outcomes, long-term cost-effectiveness, increased FDA approvals for clinical trials, and the development of sophisticated implantable neurostimulation devices. Currently, there is a huge influx of new players entering into the market, thus leading to increased investments and R&D activities.

Implantable neurostimulation devices are increasingly being used for the treatment of a number of chronic disorders such as pain management and epilepsy. Manufacturers are employing developments in low-power semiconductor design, improved manufacturing procedures, and longer battery life for such devices to offer effective, efficient, and long-lasting neurostimulation products. Innovative products such as closed-loop system neurostimulator are designed to continuously stimulate the nervous system.

SCOPE AND FORMAT

The report analyzes the global biomarker market into the following segments:

- Product Market (spinal cord stimulator, deep brain stimulator, vagus nerve stimulator, sacral nerve stimulator, and gastric electrical stimulator)
- Application Market (Alzheimer's, Parkinson's, chronic heart failure, essential tremors, eye disorders, paralysis, obesity, and other medical conditions)
- Technology Market (minimally-invasive and non-invasive stimulation technology)

The market data consists of aggregate sales figures of all neurostimulation submarkets. It analyzes the market aspects of new neurostimulation technologies and product launches; sourcing key market developments from the top companies that it profiles. The report also analyzes the documented claims and the neurostimulation technology patents approved over the last five years to provide an in-depth understanding of neurostimulation product and applications.

What makes our report unique?

The existing studies and third-party market reports do not provide a comprehensive understanding of the neurostimulation market. The critical markets within this broader field are also not analyzed. This report gives a detailed analysis of the overall market as well as its most critical micro-markets, which have so far remained unexplored. In addition to the comprehensive information on the macro-markets, the report provides market data for up to five levels of the micro-markets under these identified macro markets. Other reports cover only the major technologies or products; and miss out subsequent micro levels.

Key questions answered

- Which are the high growth markets segments in terms of products, applications, and technology?
- What are the market forecasts and estimates from the period 2009-14?
- What are the major drivers and opportunities in the market?
- What is the competitive outlook, what are the major products and applications, who are the major players in the market segments?

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