Implanted Electrostimulation Devices Drives $16.3 Billion Market

Kalorama Information

Electrical and magnetic neurostimulation technologies is expected to grow moderately during the next few years, according to a recent report from life sciences research publisher Kalorama Information. Fueled by implantable device revenues, the market reached $16.3 billion in 2011.

There are several type of medical devices using electrical and magnetic stimulation, including electromuscular stimulation (EMS) of muscle tissue, which can aid in the recuperation of overworked muscles. Additional technologies include transcranial magnetic stimulation (TMS), a non-invasive technique that uses an electromagnet placed on the patient's scalp to alter brain activity.

"During the previous years, repetitive TMS has received a growing attention in the popular and scientific media, and the market forecasts reflect growing professional medical acceptance," said Bruce Carlson, publisher of Kalorama Information. "We're seeing steady market growth for Transcutaneous Electrical Nerve Stimulation (TENS) as well, which is commonly used for pain management.

Several implanted electrode therapeutic systems have recently emerged in the market and the potential has clearly caught the eye of pharmaceutical and microelectronics companies, which are actively expanding their stake in electrode therapeutics through research, collaborations, and acquisitions. According to the report, these actions will push more applications into the marketplace, and medical insurance will likely recognize a long-term savings for electronic treatment of chronic and debilitating conditions.

"Combined with new telemedicine strategies, implanted sensors, and drug delivery systems, electrical and magnetic neurostimulation can usher in a new wave of care for the chronically ill," said Carlson.

The report, "Markets for Electrostimulation Devices," provides market data on key external devices, including TENS and EMS, as well as a range of implanted technologies, such as Vagus Nerve Stimulation and Cardiac ResynchronizationTherapy. It also profiles major companies operating in this market, including Bioness, Dynatronics, Medtronic, Noraxon, Smith & Nephew, Thought Technology and many more. More information can be found at: http://www.kaloramainformation.com/redirect.asp?progid=84017&productid=7066513 [1]

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